

City of Florence
Community Development Department
250 Highway 101
Florence, OR 97439
Phone: (541) 997 - 8237
Fax: (541) 997 - 4109
www.ci.florence.or.us

EXHIBIT B

Type of Request

THIS SECTION FOR OFFICE USE ONLY

Type I Type II Type III Type IV

Proposal: _____

Applicant Information

Name: _____ Phone 1: _____

E-mail Address: _____ Phone 2: _____

Address: _____

Signature: _____ Date: _____

Applicant's Representative (if any): _____

Property Owner Information

Name: _____ Phone 1: _____

E-mail Address: _____ Phone 2: _____

Address: _____

Signature: _____ Date: _____

Applicant's Representative (if any): _____

NOTE: If applicant and property owner are not the same individual, a signed letter of authorization from the property owner which allows the applicant to act as the agent for the property owner must be submitted to the City along with this application. The property owner agrees to allow the Planning Staff and the Planning Commission onto the property. Please inform Planning Staff if prior notification or special arrangements are necessary.

For Office Use Only:

Received

Approved

Exhibit

Property Description

Site Address: _____

General Description: _____

Assessor's Map No.: 18 - _____ - _____ - _____ Tax lot(s): _____

Zoning District: _____

Conditions & land uses within 300 feet of the proposed site that is one-acre or larger and within 100 feet of the site that is less than an acre OR add this information to the off-site conditions map

(FCC 10-1-1-4-B-3): _____

Project Description

Square feet of new: _____ Square feet of existing: _____

Hours of operation: _____ Existing parking spaces: _____

Is any project phasing anticipated? (Check One): Yes No

Timetable of proposed improvements: _____

Will there be impacts such as noise, dust, or outdoor storage? Yes No

If yes, please describe: _____

Proposal: (Describe the project in detail, what is being proposed, size, objectives, and what is desired by the project. Attach additional sheets as necessary)

For Office Use Only:

Date Submitted: _____ Fee: _____

Received by: _____

Paid

Exhibit C



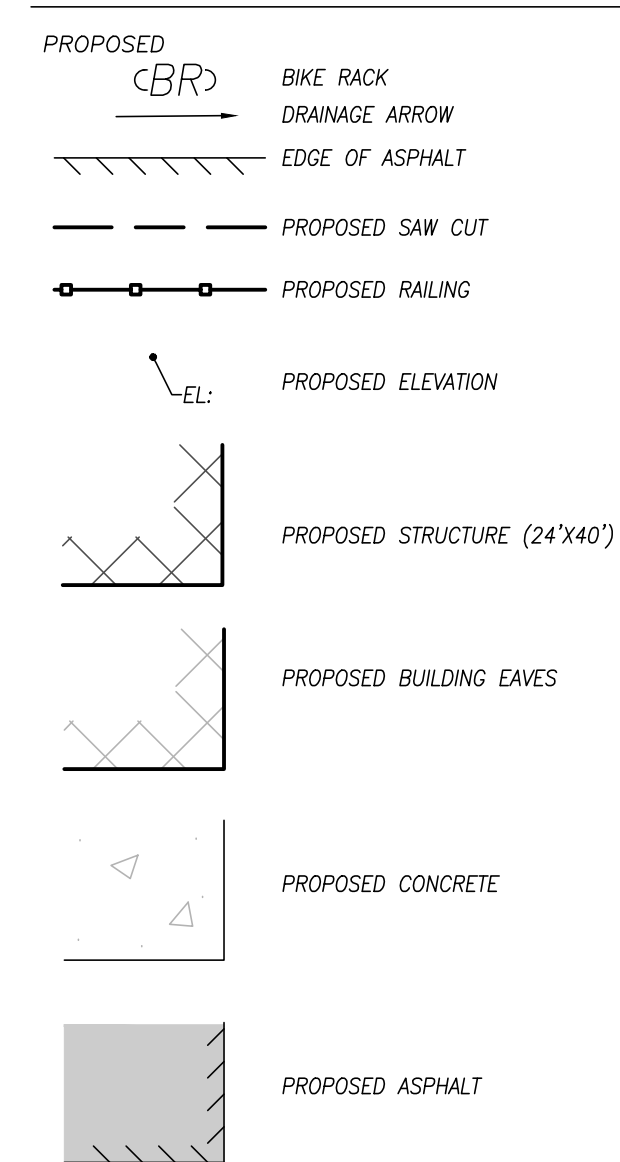
Expires: December 31, 2024
 project title:

**FLORENCE TRANSFER STATION
 E-WASTE BUILDING
 LANE COUNTY WASTE MANAGEMENT
 2820 RHODODENDRON DR
 FLORENCE, OREGON 97439**

CONSTRUCTION NOTES

- (201) CONSTRUCT LEVEL 2, 1/2" DENSE HMAc OVER 3/4"-0 CRUSHED ROCK PER PAVING DETAIL, THIS SHEET.
- (202) CONSTRUCT CONCRETE APRON OVER 3/4"-0 CRUSHED ROCK PER CONCRETE APRON DETAIL, THIS SHEET.
- (203) SAWCUT EXISTING ASPHALT CONCRETE.
- (204) REMOVE ASPHALT SURFACE.
- (402) PROTECT AND ADJUST UTILITY TO GRADE.
- (405) INSTALL ROOF DOWNSPOUT TO DRAIN ONTO SURFACE.
- (406) CONSTRUCT MONOLITHIC SIDEWALK PER DETAIL 3, THIS SHEET.
- (407) CONSTRUCT RAILING PER DETAIL 4, THIS SHEET.
- (408) INSTALL BOLLARD PER DETAIL 2, SHEET C2.
- (409) CONSTRUCT ACCESSIBLE ROUTE & VAN-ACCESSIBLE ADA PARKING STALL WITH CONCRETE PAVING PER DETAIL 3, SHEET C2.
- (410) PARALLEL PARKING SPACE STRIPING.
- (411) INSTALL BIKE RACK PER DETAIL 1, SHEET C2.

LEGEND



DRAINAGE PLAN

PROJECT SIZE IS LESS THAN 5,000 SQ FT AND DOES NOT INVOLVE ANY ADDITIONAL IMPERVIOUS SURFACE AREA THAN EXISTING CONDITIONS.

CONVEYANCE OF STORMWATER:

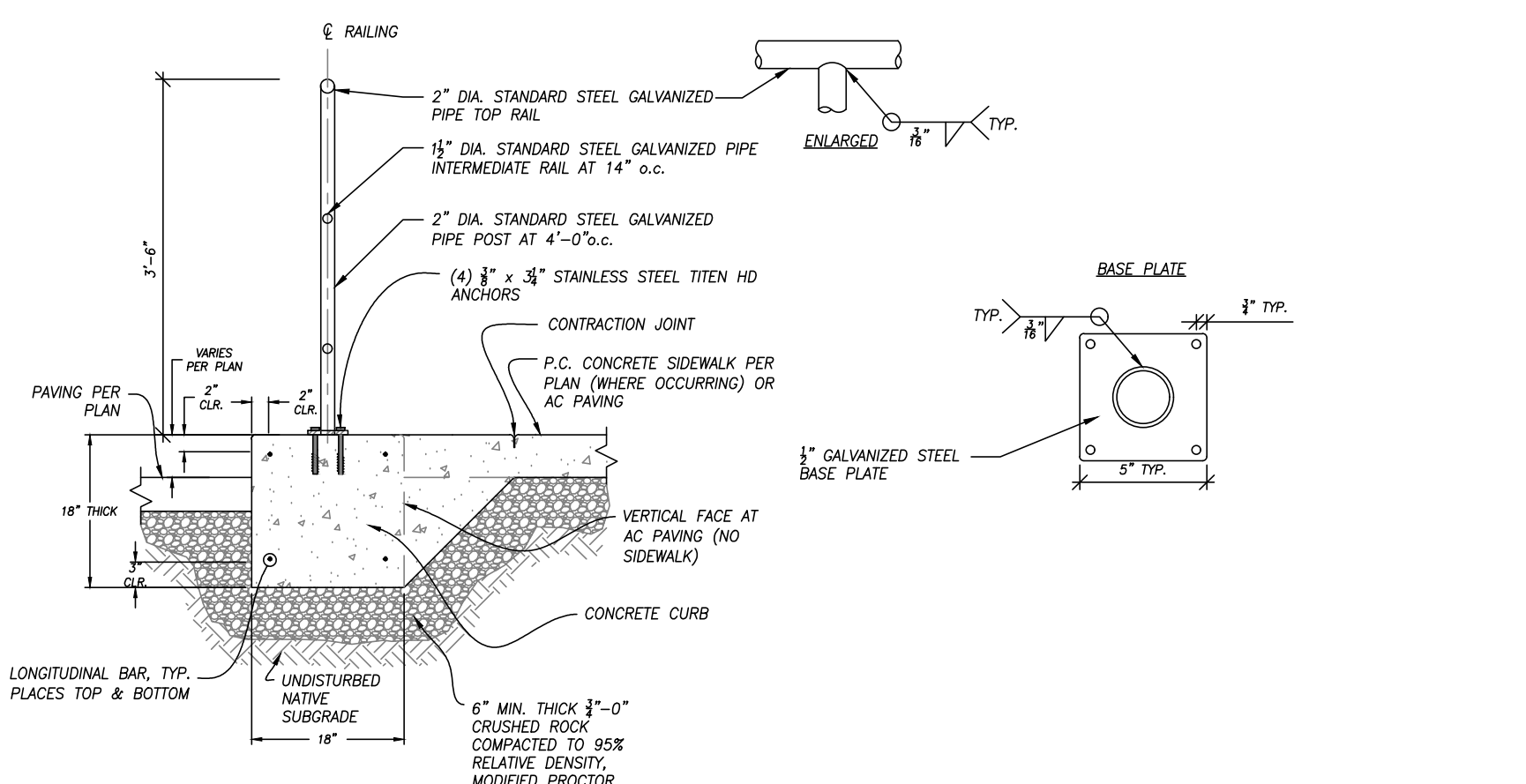
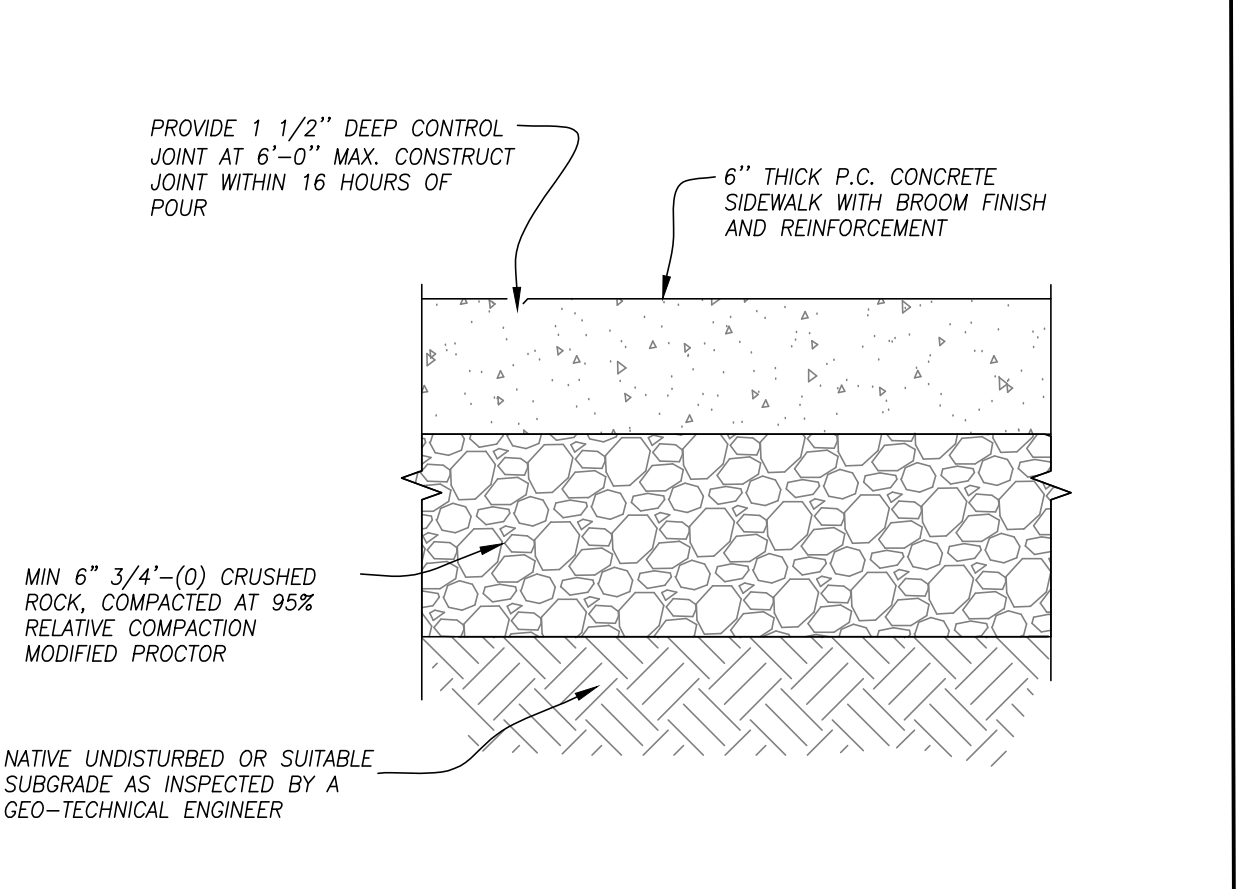
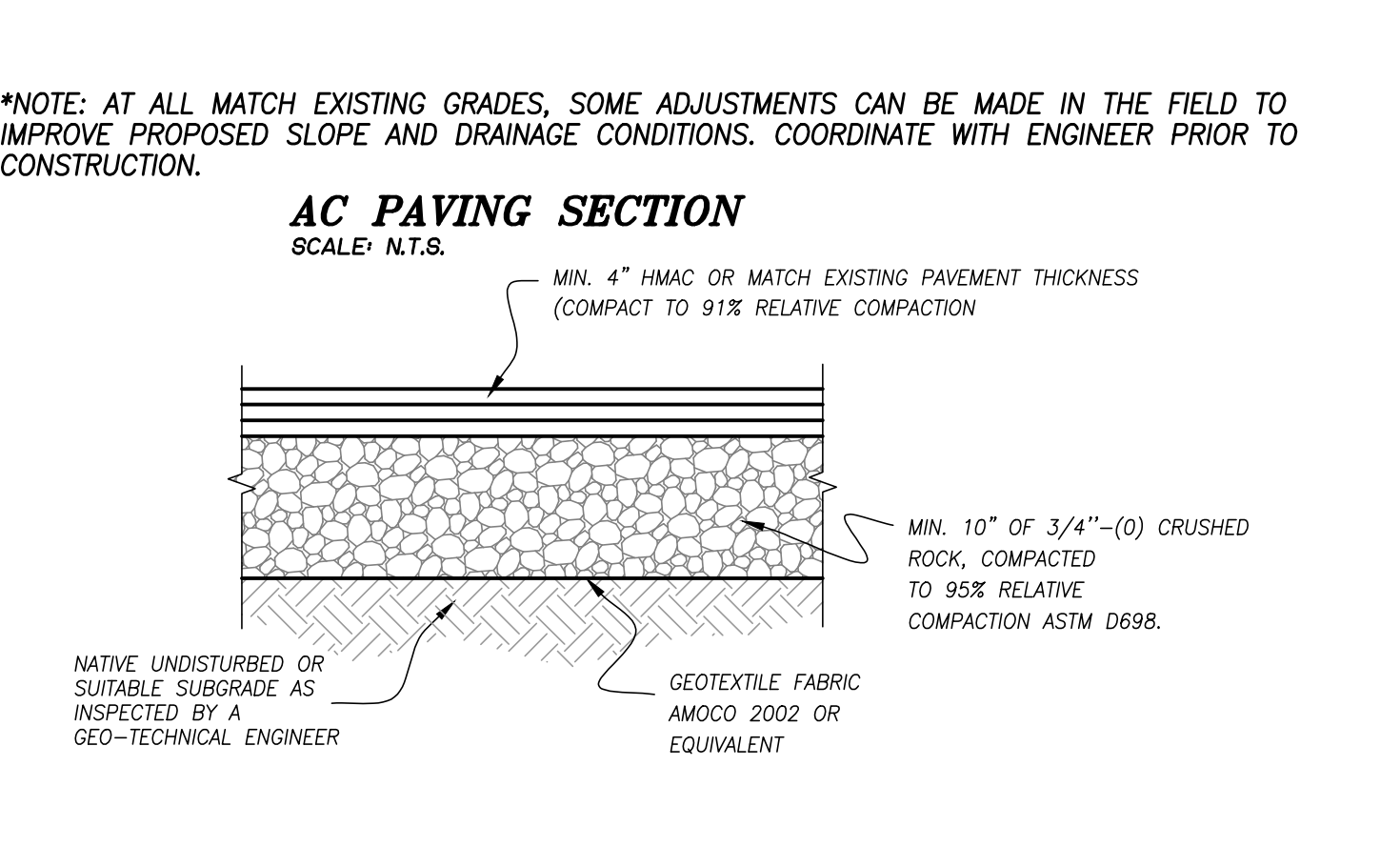
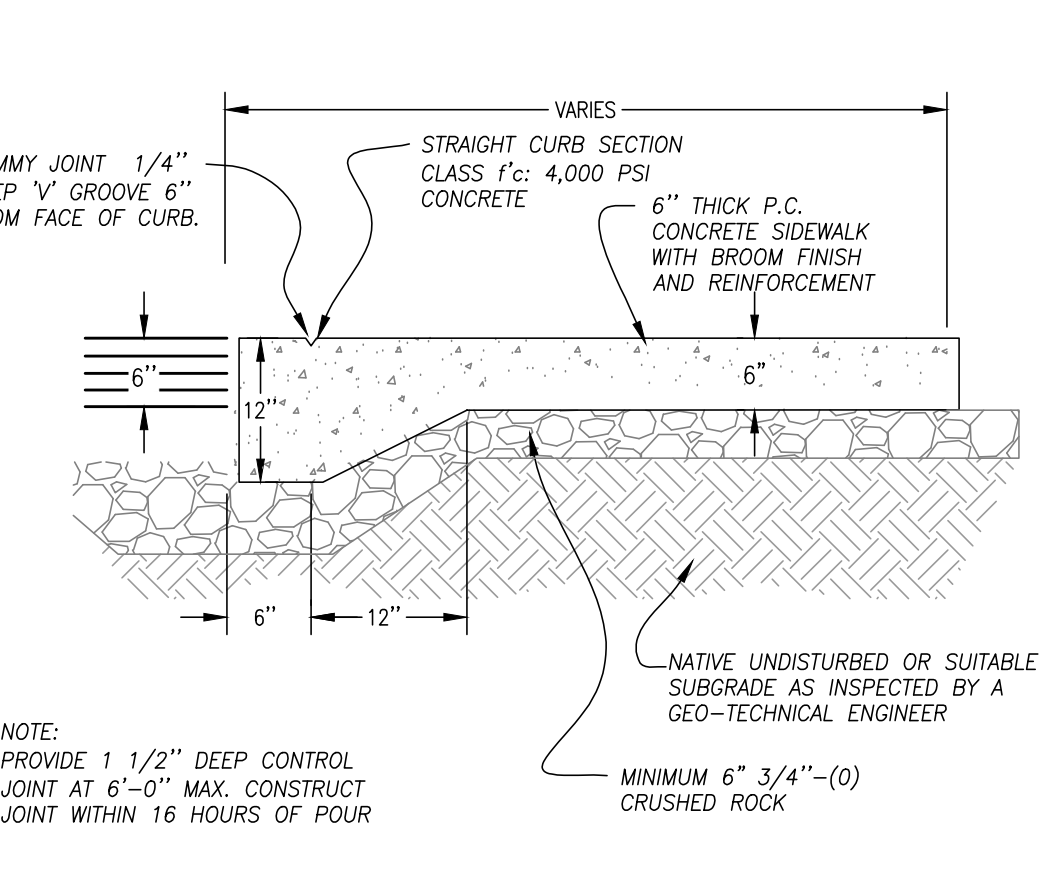
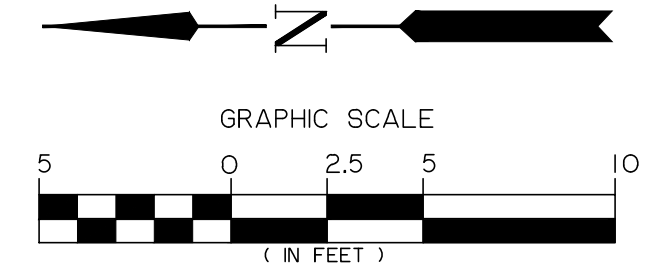
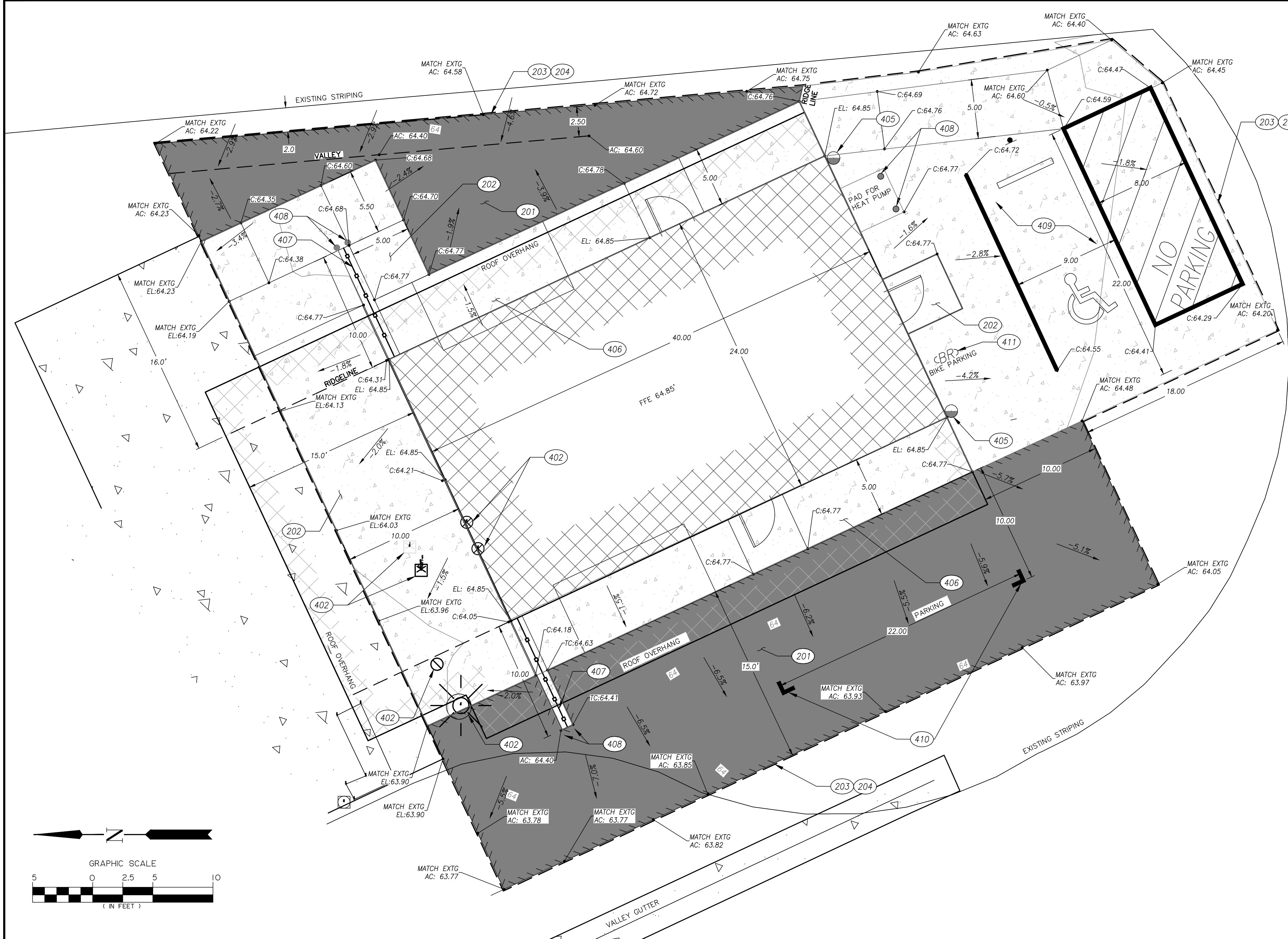
ROOF DRAINS ON THE SOUTH SIDE OF THE PROPOSED STRUCTURE WILL DRAIN TO SURFACE AND STORMWATER WILL BE ROUTED TO THE EXISTING VALLEY GUTTER WHICH DRAINS TO AN EXISTING STORMWATER FACILITY NORTH OF THE PROJECT LOCATION THAT WAS CONSTRUCTED IN 2020. THE REMAINDER OF THE STORMWATER WILL SURFACE DRAIN AWAY FROM THE PROJECT SITE AND MATCH EXISTING CONDITIONS.

PARKING PLAN

A VAN-ACCESSIBLE PARKING SPACE IS PROPOSED AS SHOWN PER REQUIREMENT OF CONDITIONS 4.3 OF THE RESOLUTION PC 20 06 CUP 02.

A PARALLEL PARKING SPACE IS PROVIDED ON THE WEST END OF THE PROPOSED STRUCTURE.

BIKE PARKING IS PROVIDED ON THE SOUTH SIDE OF THE PROPOSED STRUCTURE.



1 MONOLITHIC SIDEWALK
 SCALE: N.T.S.

2 AC PAVING DETAIL
 SCALE: N.T.S.

3 CONCRETE APRON DETAIL
 SCALE: N.T.S.

4 RAILING
 SCALE: N.T.S.

- revisions:
- △
 - △
 - △
 - △

date: FEBRUARY 12, 2024
 drawn by: TCH
 designer: NP
 project no: 21-190

GRADING PLAN

sheet: **C1**

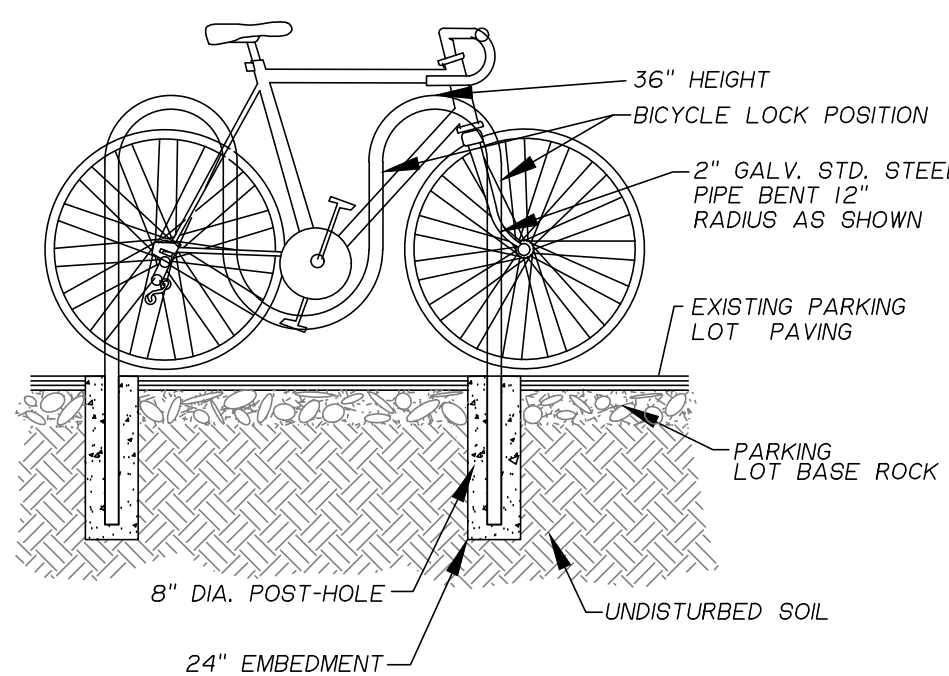
**FLORENCE TRANSFER STATION
 E-WASTE BUILDING
 LANE COUNTY WASTE MANAGEMENT
 2820 RHODODENDRON DR
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revisions:
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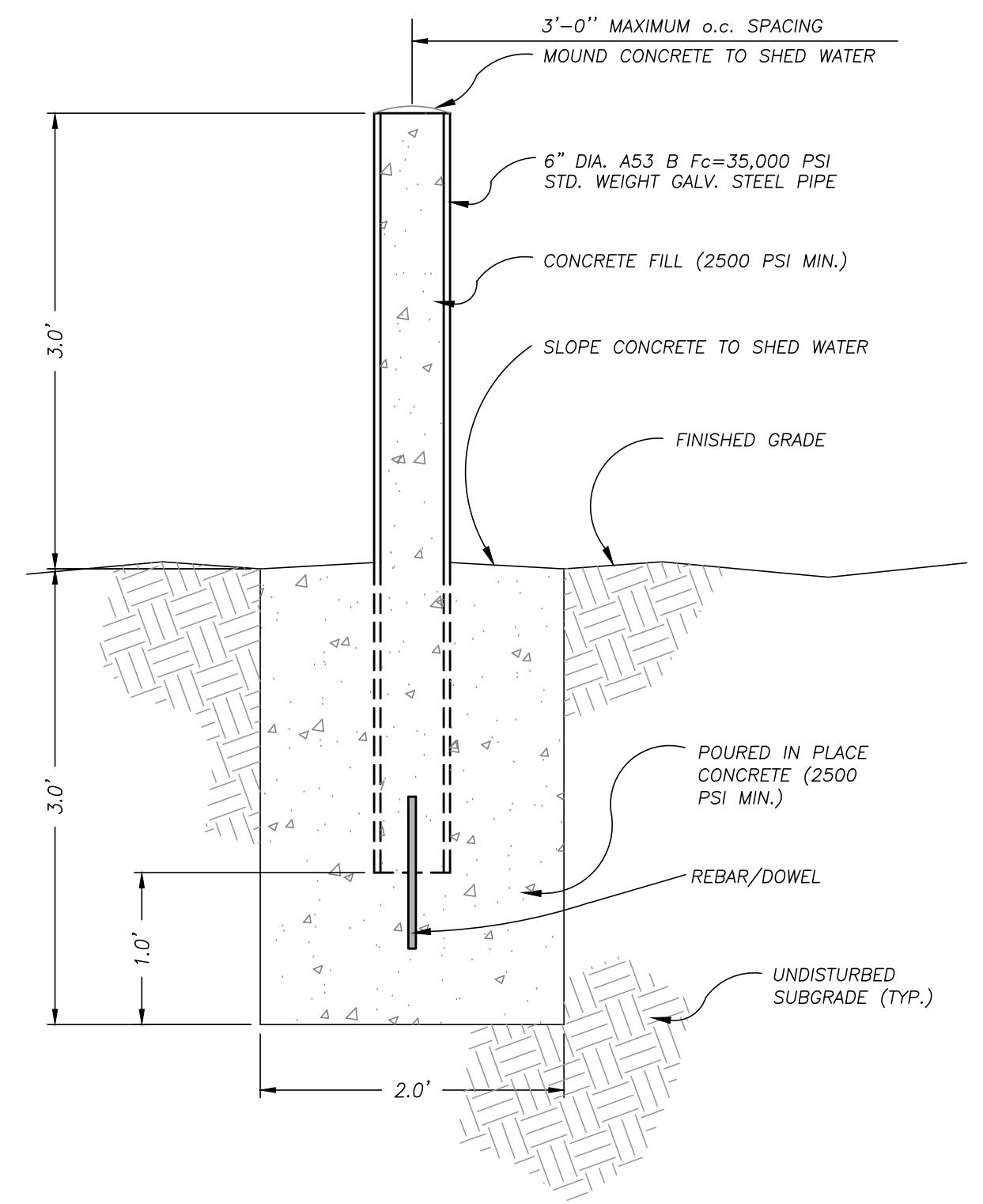
date: FEBRUARY 12, 2024
 drawn by: TCH
 designer: NP
 project no: 21-190

DETAILS

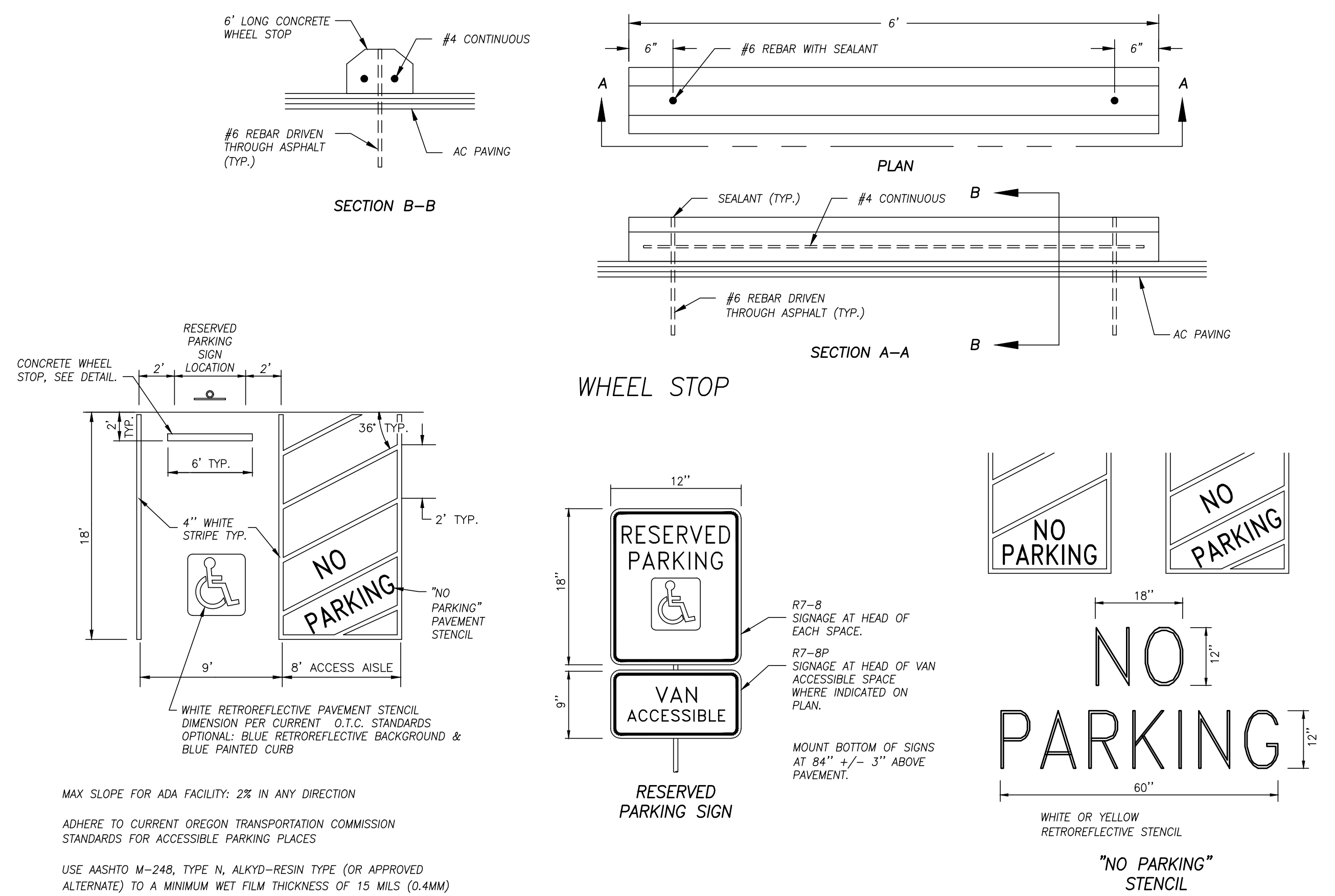
sheet: **C2**



1 BIKE RACK
 SCALE: N.T.S.

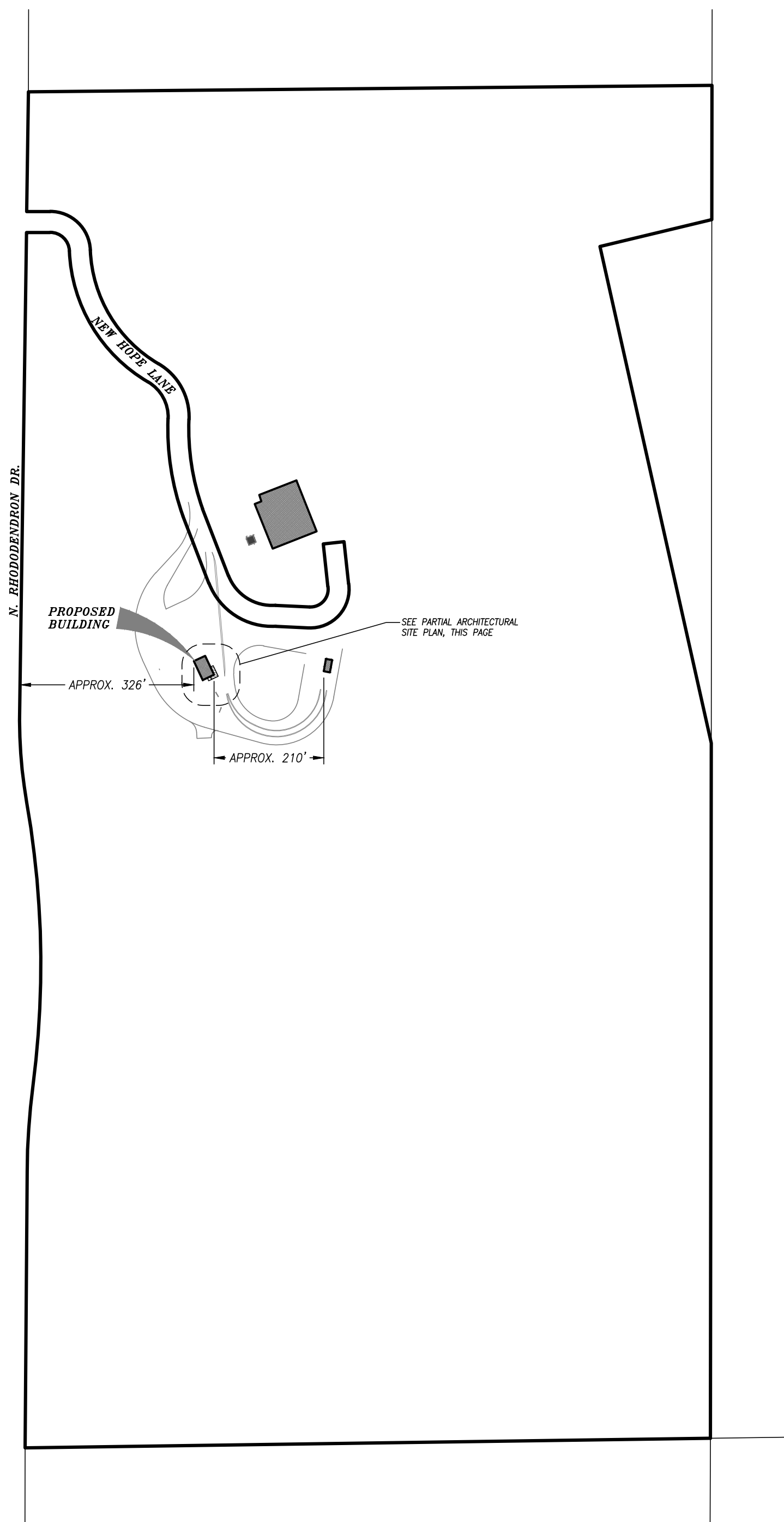


2 BOLLARD
 SCALE: N.T.S.

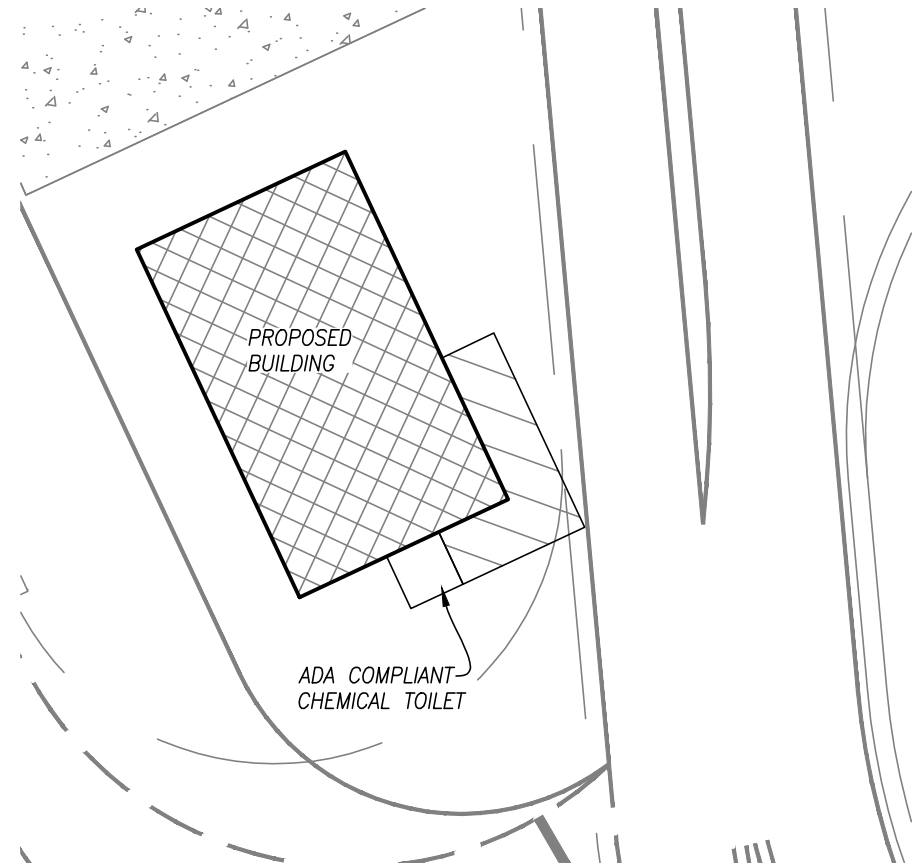


MAX SLOPE FOR ADA FACILITY: 2% IN ANY DIRECTION
 ADHERE TO CURRENT OREGON TRANSPORTATION COMMISSION STANDARDS FOR ACCESSIBLE PARKING PLACES
 USE AASHTO M-248, TYPE N, ALKYD-RESIN TYPE (OR APPROVED ALTERNATE) TO A MINIMUM WET FILM THICKNESS OF 15 MILS (0.4MM)

3 ACCESSIBLE PARKING STALL DETAIL
 SCALE: N.T.S.



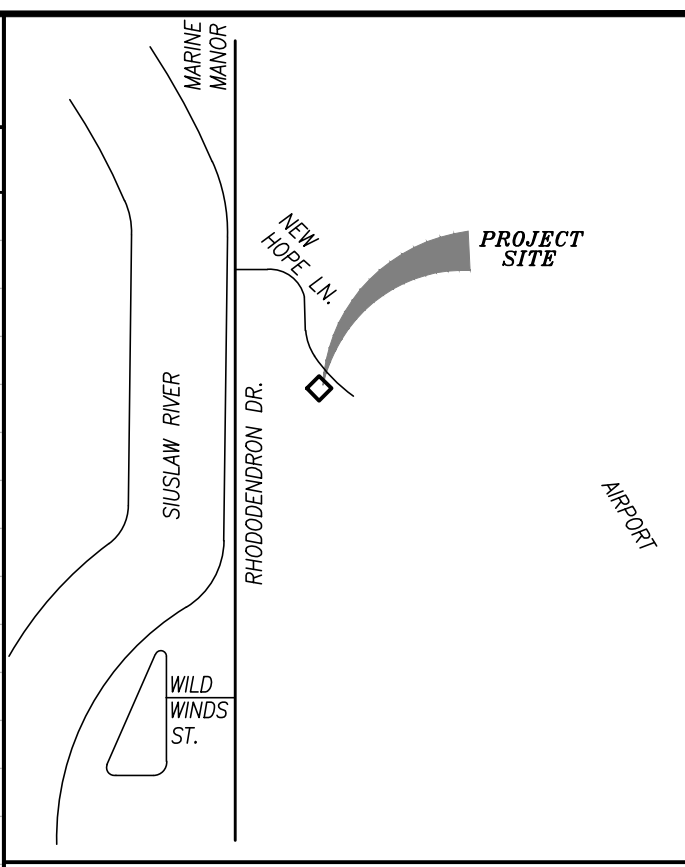
ARCHITECTURAL SITE PLAN
SCALE: 1"=200'



PARTIAL ARCHITECTURAL SITE PLAN
SCALE: 1"=20'

DESIGN LOADS

| SEISMIC LOAD DESIGN CRITERIA | |
|---|---------|
| RISK CATEGORY | II |
| SEISMIC IMPORTANCE FACTOR, I_e | 1.00 |
| SHORT TERM MAPPED SPECTRAL RESPONSE ACCELERATION, S_s | 1.423 |
| ONE SECOND MAPPED SPECTRAL RESPONSE ACCELERATION, S_1 | 0.746 |
| SITE CLASS | D |
| SITE COEFFICIENT, F_a | 1.2 |
| SITE COEFFICIENT, F_v | NULL |
| SHORT TERM SPECTRAL RESPONSE COEFFICIENT, S_{DS} | 1.139 |
| ONE SECOND SPECTRAL RESPONSE COEFFICIENT, S_{D1} | NULL |
| SEISMIC DESIGN CATEGORY | D |
| BASIC SEISMIC-FORCE-RESISTING SYSTEM | PER MBM |
| RESPONSE MODIFICATION FACTOR, R | PER MBM |
| SEISMIC RESPONSE COEFFICIENT, C_s | PER MBM |
| ANALYSIS PROCEDURE USED | PER MBM |
| WIND LOAD DESIGN CRITERIA | |
| BASIC WIND SPEED (mph) | 135 |
| RISK CATEGORY | II |
| WIND EXPOSURE | D |
| ANALYSIS PROCEDURE USED | PER MBM |
| LIVE LOAD DESIGN CRITERIA | |
| FLOOR LIVE LOAD (psf) | 250 |
| SNOW LOAD DESIGN CRITERIA | |
| GROUND SNOW LOAD (psf) | 5 |
| ROOF SNOW LOAD (psf) | 20 |
| DEAD LOAD DESIGN CRITERIA | |
| ROOF DEAD LOAD (psf) | PER MBM |
| WALL DEAD LOAD (psf) | PER MBM |
| BREAK ROOM CEILING DEAD LOAD (psf) | 8 |
| BREAK ROOM WALL DEAD LOAD (psf) | 7 |



VICINITY MAP
N.T.S.

Exhibit D

BUILDING CODE COMPLIANCE

APPLICABLE CODE: 2022 OREGON STRUCTURAL SPECIALTY CODE
 ZONING: INDUSTRIAL (MARINE)
 OCCUPANCY CLASSIFICATION: S-1
 CONSTRUCTION TYPE: TYPE V-B NON-SPRINKLERED
 FRONTAGE INCREASE: NOT USED
 BASIC ALLOWABLE AREA = 9,000 FT²
 ADJUSTED ALLOWABLE AREA = 9,000 FT²
 AREA OF PROPOSED BUILDING = 1,512 FT²
 BASIC ALLOWABLE NUMBER OF STORIES = 1
 PROPOSED NUMBER OF STORIES = 1
 BASIC ALLOWABLE BUILDING HEIGHT = 40 FT
 PROPOSED BUILDING HEIGHT = ± 16 FT

ENERGY CODE COMPLIANCE:

APPLICABLE CODE: 2021 OREGON ENERGY EFFICIENCY SPECIALTY CODE
 CLIMATE ZONE: 4C
 BUILDING ENVELOPE COMPLIANCE PATH: PRESCRIPTIVE
 PROPOSED WAREHOUSE SPACE CLASSIFICATION: UNCONDITIONED.
 ANY INSULATION OR AIR BARRIER COMPONENTS SHOWN IN THE WAREHOUSE SPACE ENVELOPE ARE A VOLUNTARY ADDITION BY THE OWNER.
 PROPOSED BREAK ROOM SPACE CLASSIFICATION: FULLY CONDITIONED.
 OPAQUE ELEMENT INSULATION REQUIREMENTS:
 - ROOF (OTHER BUILDING): R-49
 - WALL (WOOD FRAMED): R-20
 - SLAB-ON-GRADE FLOOR (UNHEATED): R-15
 - OPAQUE SWINGING DOORS: U-0.370
 FENESTRATION REQUIREMENTS:
 - FIX WINDOW: U-0.36, SHGC-0.36, VT/SHGC-1.10
 - OPERABLE WINDOW: U-0.45, SHGC-0.33, VT/SHGC-1.10

PROJECT TEAM:

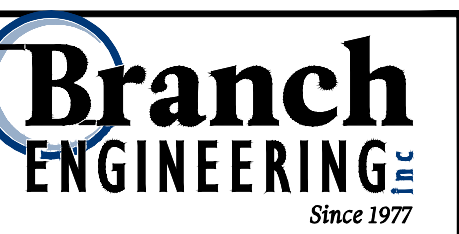
OWNER:
 LANE COUNTY PUBLIC WORKS
 3040 N. DELTA HWY.
 EUGENE, OREGON 97408
 CONTACT: KERRY WERNER, PE
 (541) 731-0287
 KERRY.WERNER@LANECOUNTYOR.GOV
BUILDING DESIGNER / STRUCTURAL ENGINEER:
 BRANCH ENGINEERING, INC.
 RICK HERNANDEZ, PE, SE
 (541) 746-0637
 RICKH@BRANCHENGINEERING.COM

DEFERRED SUBMITTALS:

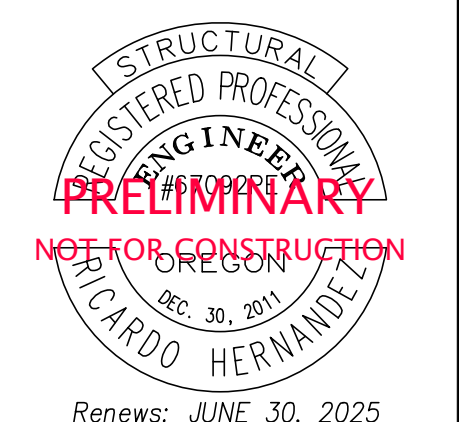
- METAL BUILDING DESIGN BY METAL BUILDING MANUFACTURER.
- FINAL FOUNDATION DESIGN.
- AWNING DESIGN.
- ACCESSIBLE PATH DESIGN.

SHEET INDEX

- G001 COVER SHEET
- A101 PLANS & SECTIONS
- A102 REFLECTED CEILING PLANS
- A201 ELEVATIONS
- A501 ARCHITECTURAL DETAILS
- A601 ARCHITECTURAL SCHEDULES
- S101 FOUNDATION PLAN & NOTES
- S501 FOUNDATION DETAILS



civil • transportation
 structural • geotechnical
 SURVEYING
 310 5th Street
 Springfield, OR 97477
 p: 541.746.0637
 www.BranchEngineering.com



Renews: JUNE 30, 2025

project title:

**FLORENCE TRANSFER STATION EXPANSION
 E-WASTE BUILDING**
 2820 N. RHODODENDRON DRIVE
 FLORENCE, OREGON 97439

revisions:

date: JULY 19, 2021
 drawn by: JLB
 designer: RH
 project no: 21-190

COVER SHEET

sheet: **G001**



Renews: JUNE 30, 2025
project title:

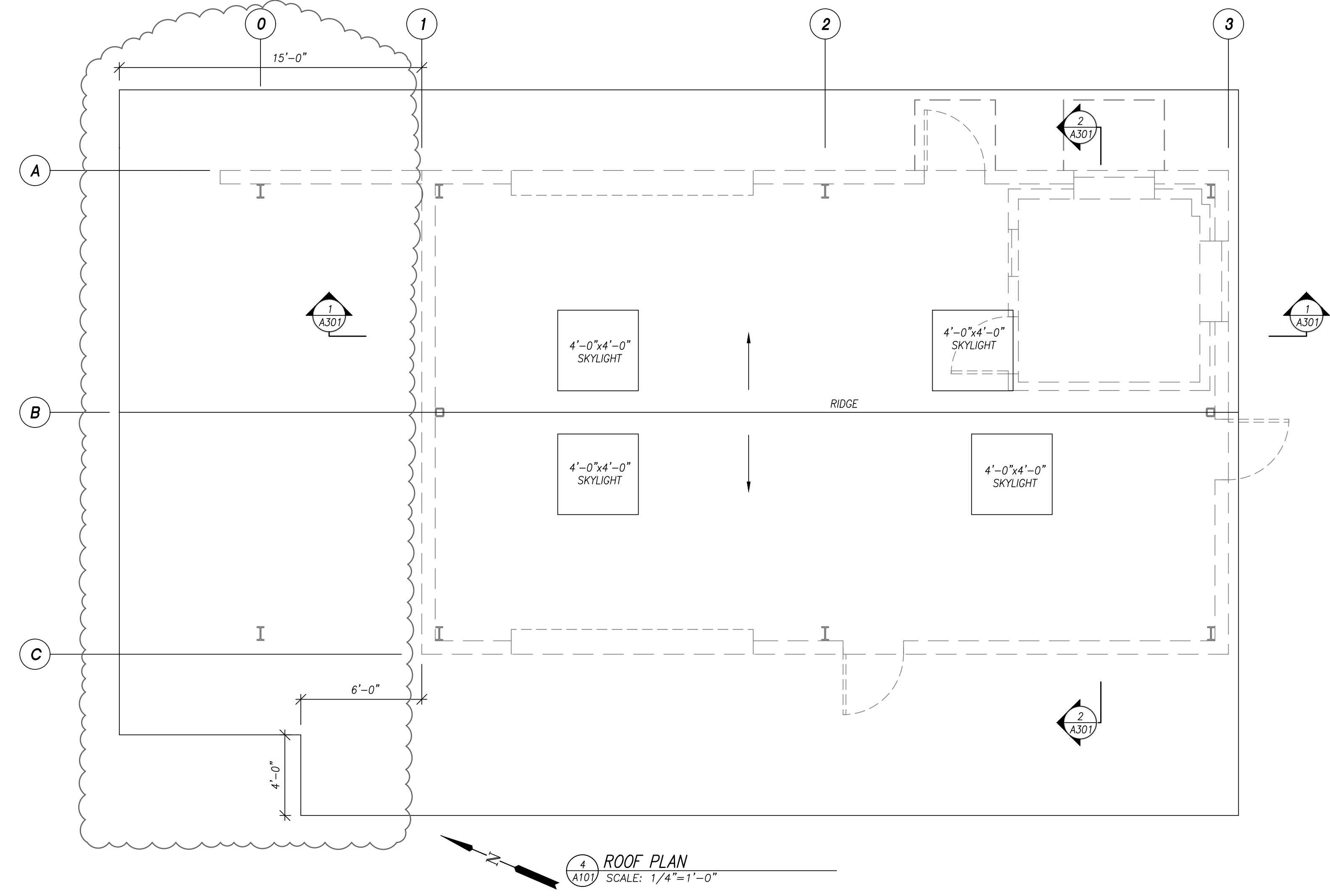
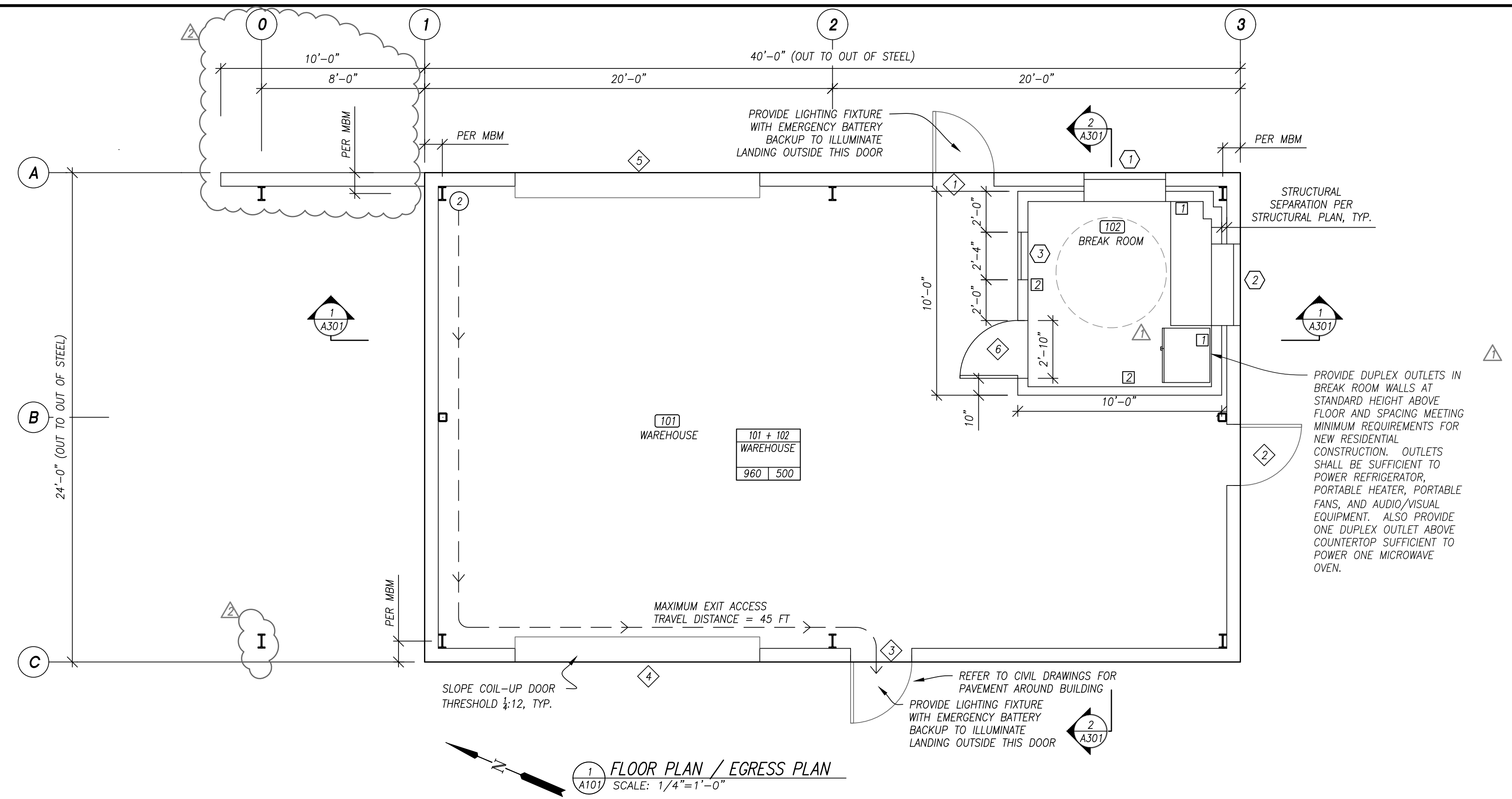
**FLORENCE TRANSFER STATION EXPANSION
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2820 N. RHODODENDRON DRIVE
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revisions:
 9-18-2023 RH
 1-12-2024 RH

date: JUNE 15, 2023
 drawn by: JLB
 designer: RH
 project no: 21-190

FLOOR & ROOF PLANS

sheet: **A101**



LEGEND

| | |
|--|---|
| | WALL WITH TYPE ID |
| | DOOR |
| | COLUMN |
| | DOOR NUMBER |
| | WINDOW NUMBER |
| | OCCUPANT LOAD FOR ROOM OR AREA SHOWN IN MOST REMOTE LOCATION FROM EXIT |
| | SCHEMATIC EXIT PATH WITH DIRECTION OF TRAVEL w/ SPLIT OCCUPANT LOAD WHERE OCCURRING |
| | ROOM AREA (FF) |
| | OCCUPANT LOAD FACTOR (TABLE 1004.5) |

- GENERAL NOTES:**
- CONTRACTOR TO VERIFY ALL DIMENSIONS PRIOR TO CONSTRUCTION.
 - CONDITIONS NOT SPECIFICALLY DETAILED SHALL BE IN GENERAL CONFORMANCE WITH CONSTRUCTION DETAILS OF A SIMILAR NATURE ELSEWHERE ON THE PROJECT.
 - DIMENSIONS SHOWN TO FACE OF STEEL ARE REFERENCING THE EXTERIOR FACE OF WALL GIRTS. ACTUAL LOCATIONS OF BUILDING FRAMES AND COLUMNS SHALL BE PER METAL BUILDING MANUFACTURER.
 - DIMENSIONS FOR WOOD-FRAMED WALL ARE REFERENCING THE EXTERIOR FACE OF FRAMING, U.N.O.
 - COLUMNS AND FRAMES SHOWN ARE SCHEMATIC IN NATURE. METAL BUILDING MANUFACTURER SHALL DESIGN ALL METAL BUILDING STRUCTURAL SYSTEM. METAL BUILDING MANUFACTURER DESIGN MAY VARY FROM THAT SHOWN HEREON.



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revisions:

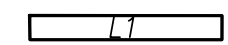



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| △ | 1-12-2024 | RH |

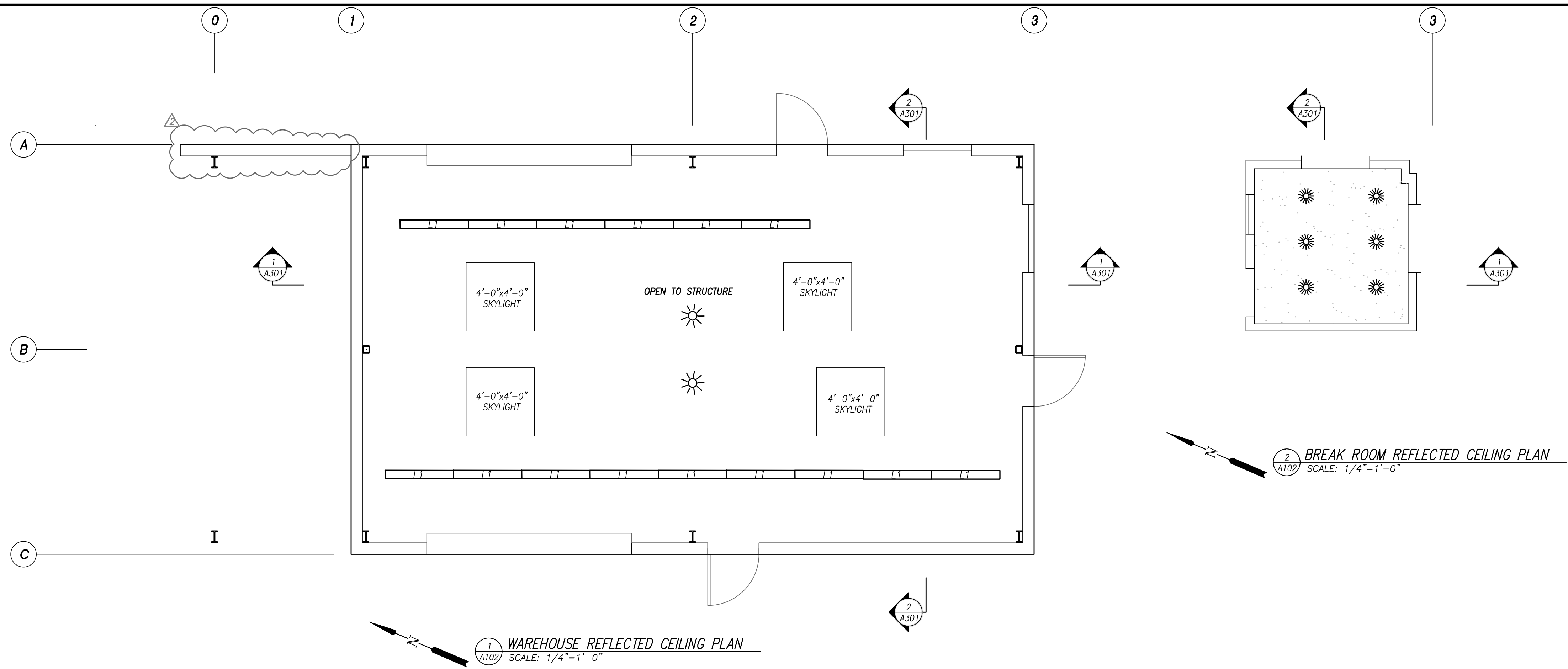
date: JUNE 15, 2023
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project no: 21-190

**REFLECTED
CEILING PLAN**

sheet: **A102**

LEGEND

-  1'x4' NOMINAL PENDANT MOUNT LED FIXTURE - KENALL RANGER R12 OR APPROVED ALTERNATE
-  6" DIAMETER RECESSED LED LIGHT FIXTURE - KENALL HADL6 OR APPROVED ALTERNATE.
-  HIGH-BAY LED FIXTURE - HB2-240 OR APPROVED ALTERNATE
-  GYP BOARD CEILING



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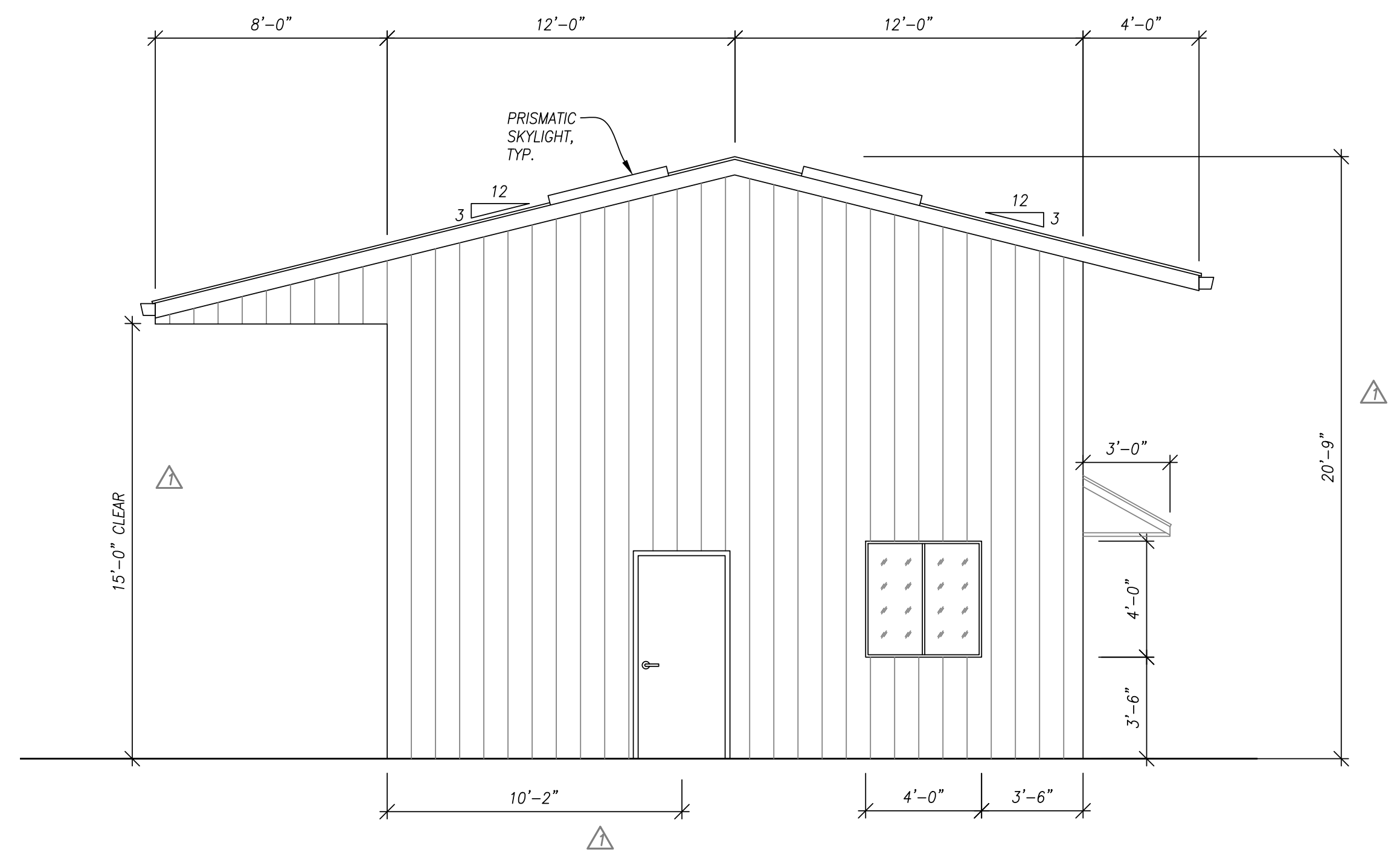
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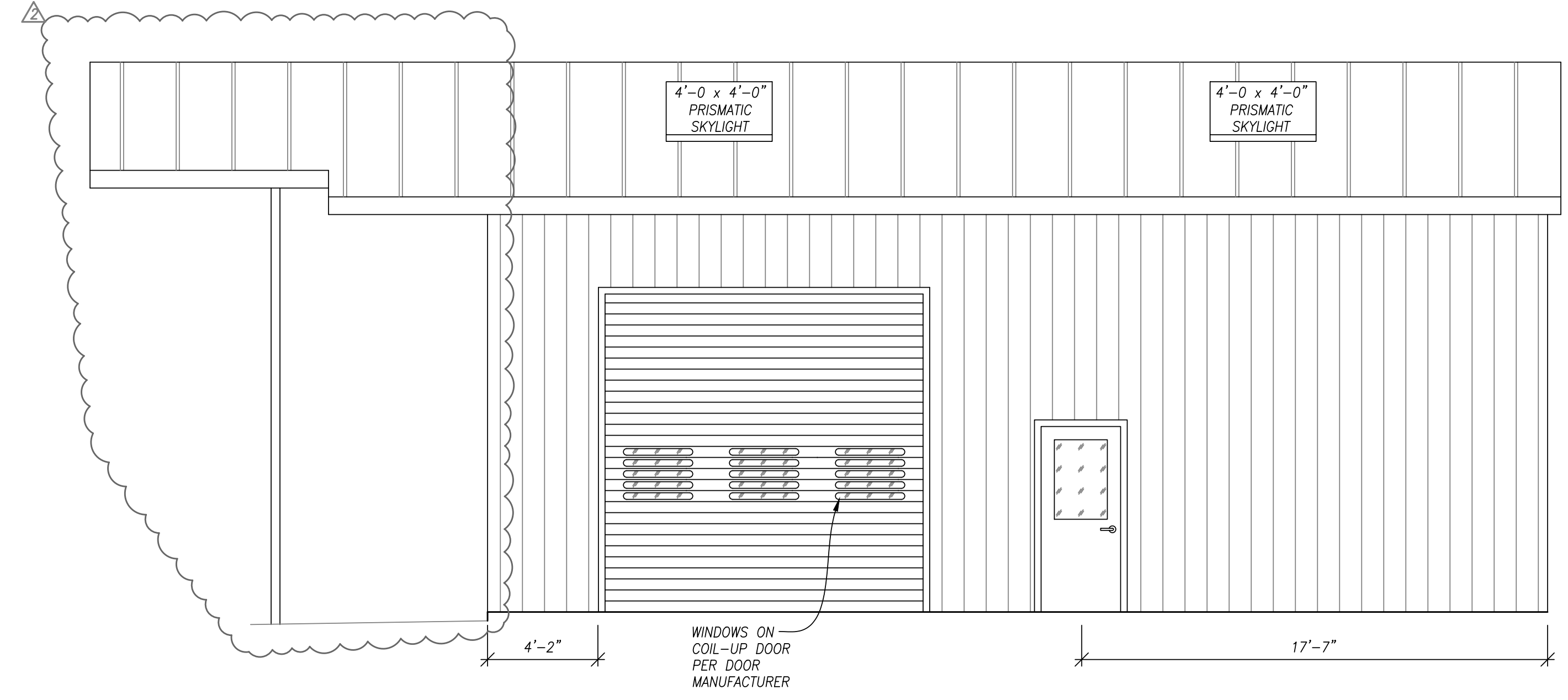
date: JUNE 15, 2023
drawn by: JLB
designer: RH
project no: 21-190

ELEVATIONS

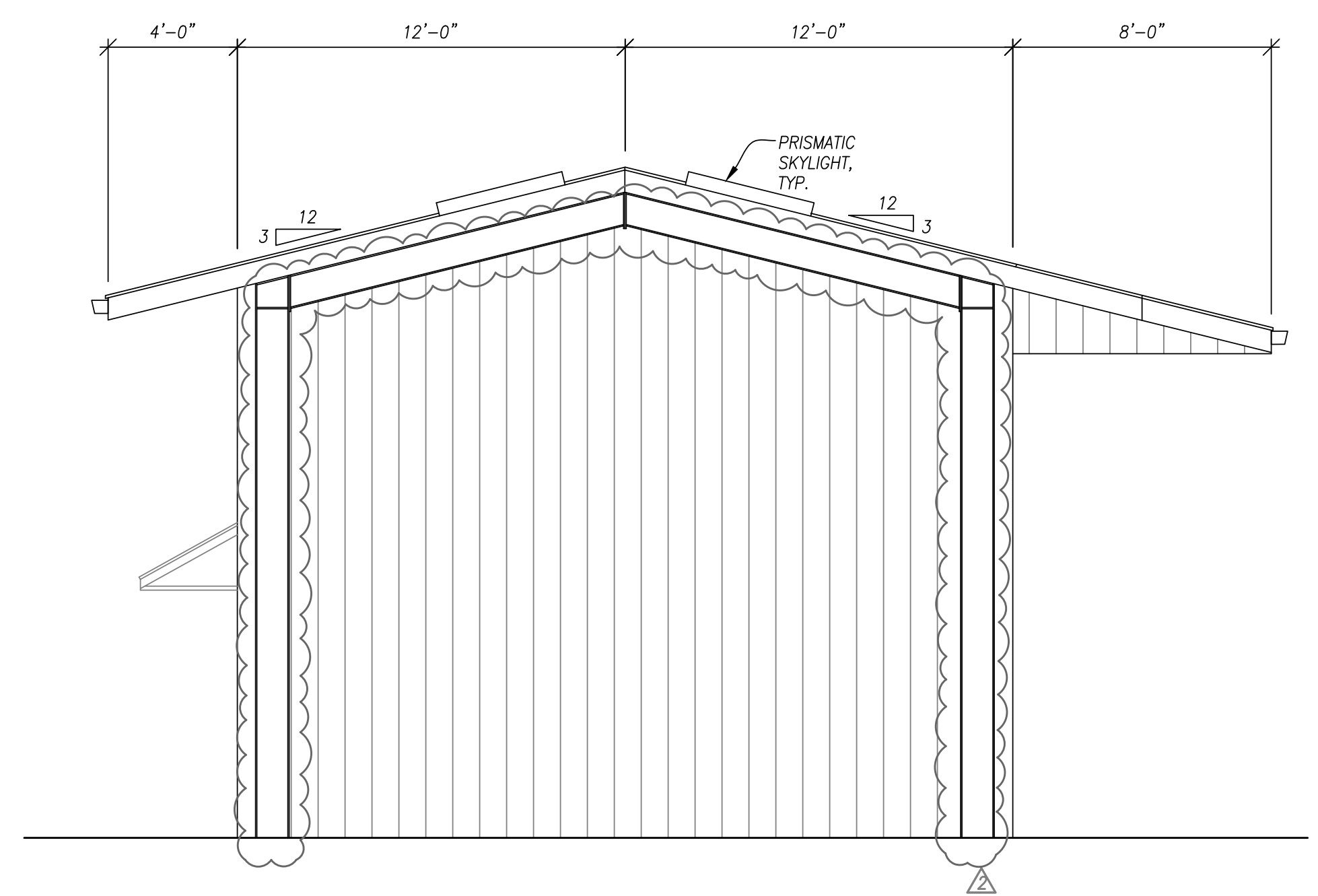
sheet: **A201**



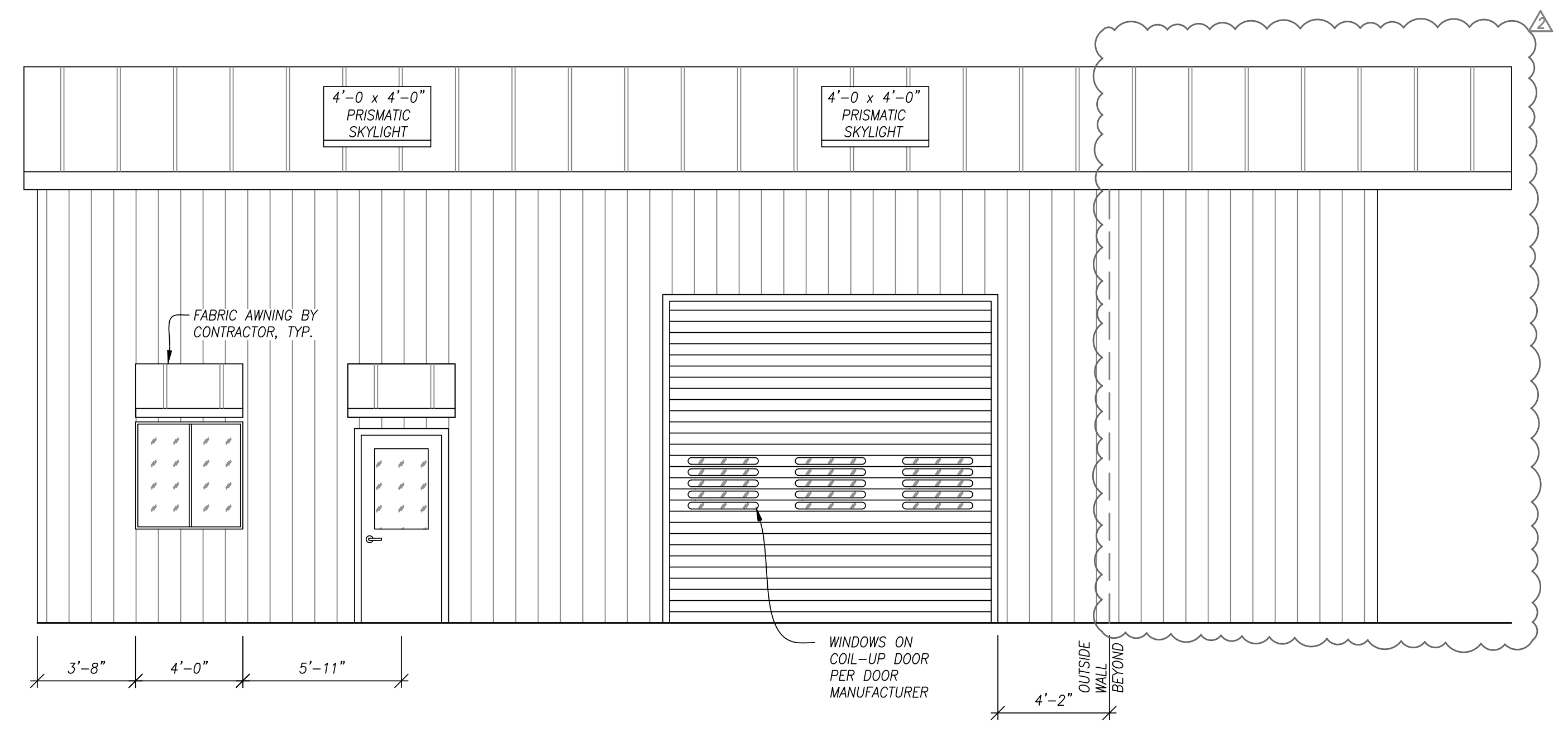
1 SOUTH ELEVATION
A201 SCALE: 1/4"=1'-0"



2 WEST ELEVATION
A201 SCALE: 1/4"=1'-0"



3 NORTH ELEVATION
A201 SCALE: 1/4"=1'-0"



4 EAST ELEVATION
A201 SCALE: 1/4"=1'-0"



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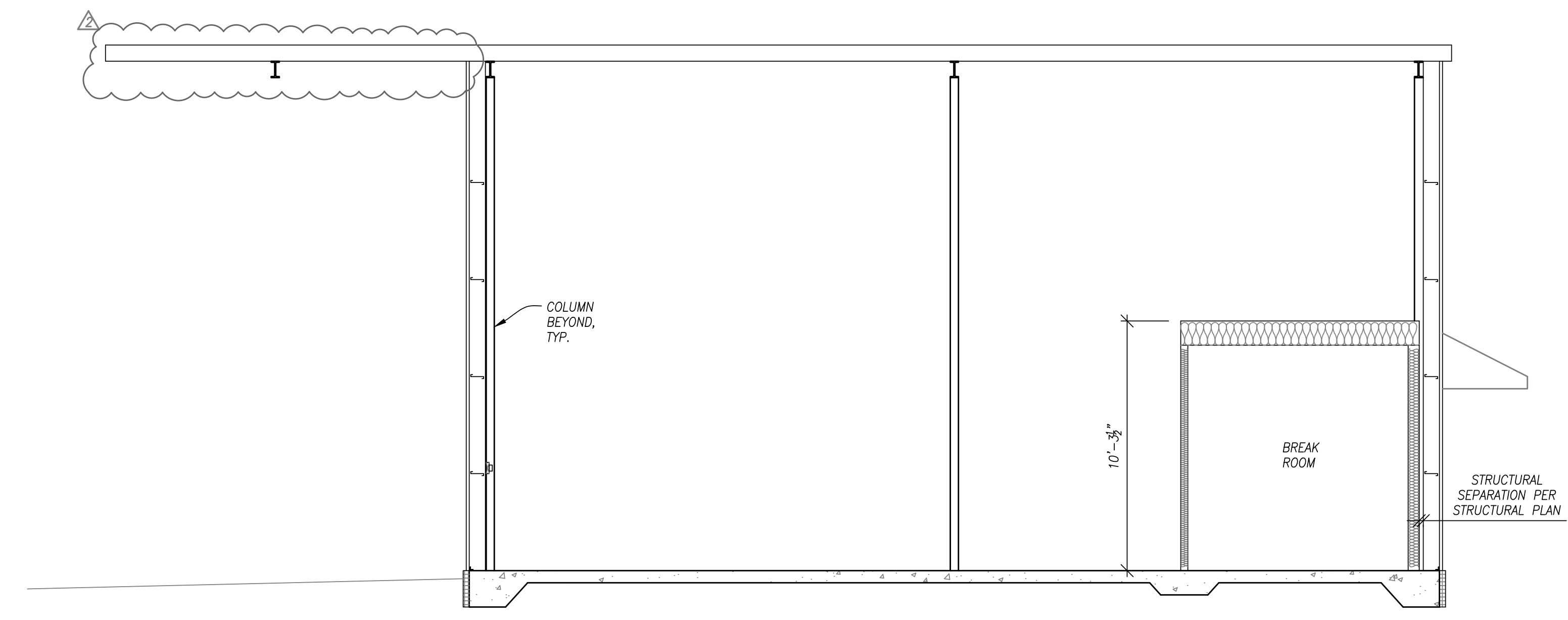
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| RH | |

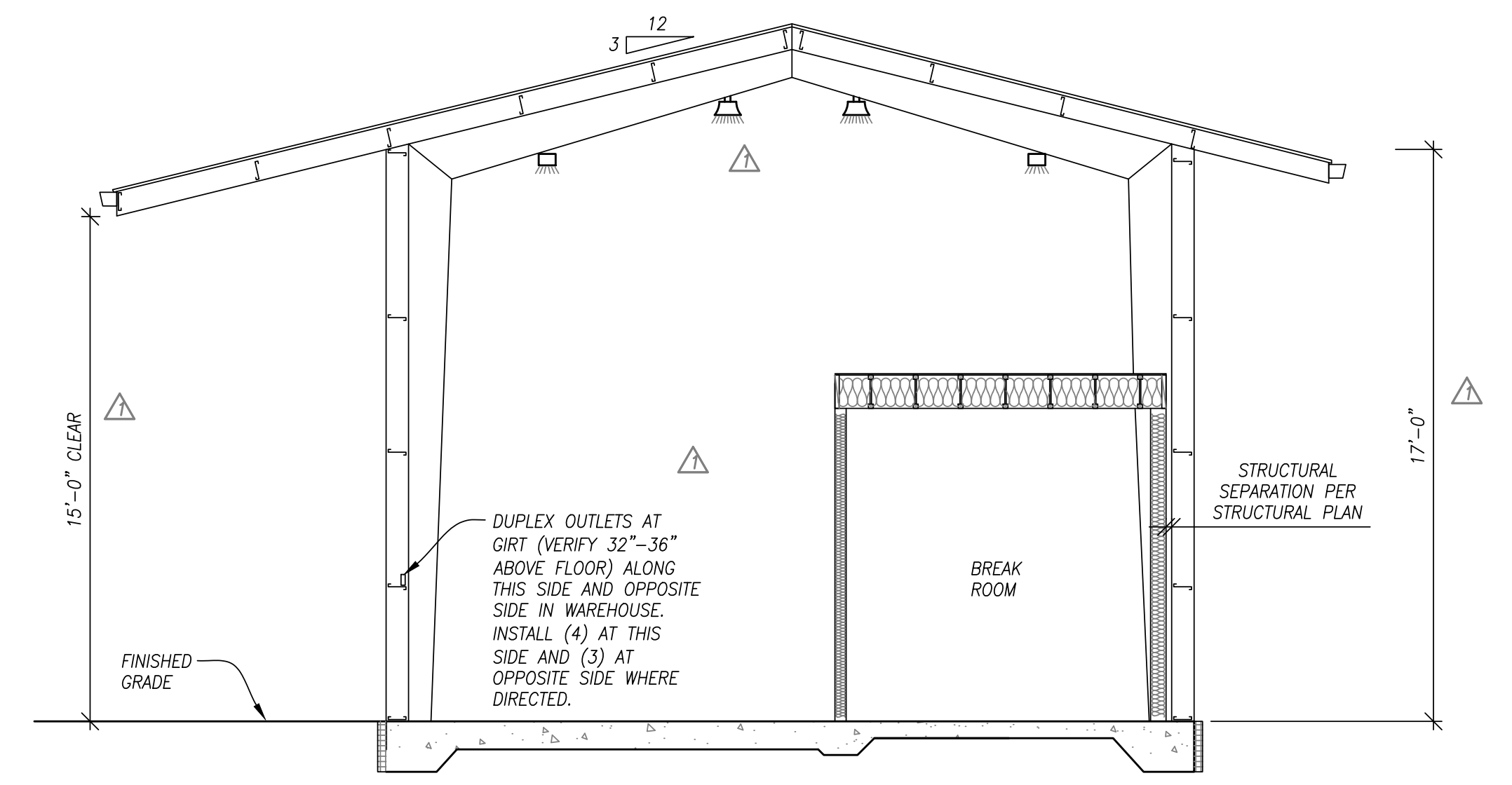
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drawn by: JLB
designer: RH
project no: 21-190

SECTIONS

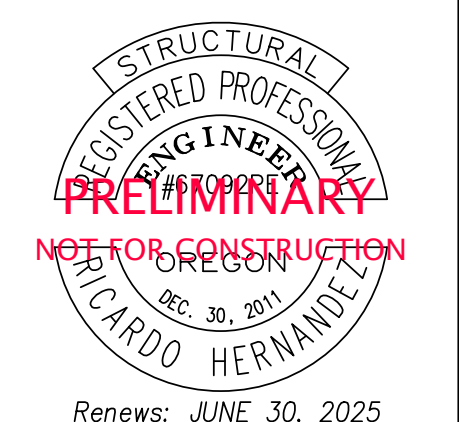
sheet: **A301**



1 SECTION
A301 SCALE: 1/4"=1'-0"



2 SECTION
A301 SCALE: 1/4"=1'-0"



Renews: JUNE 30, 2025

project title:

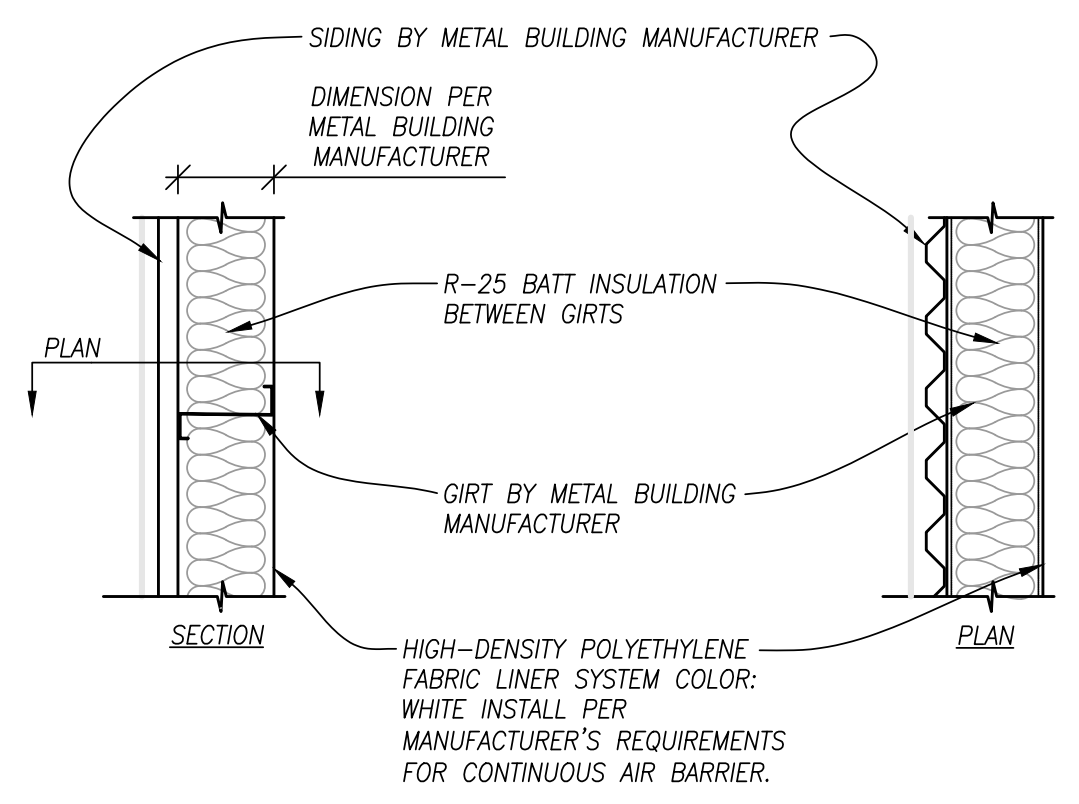
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revisions:

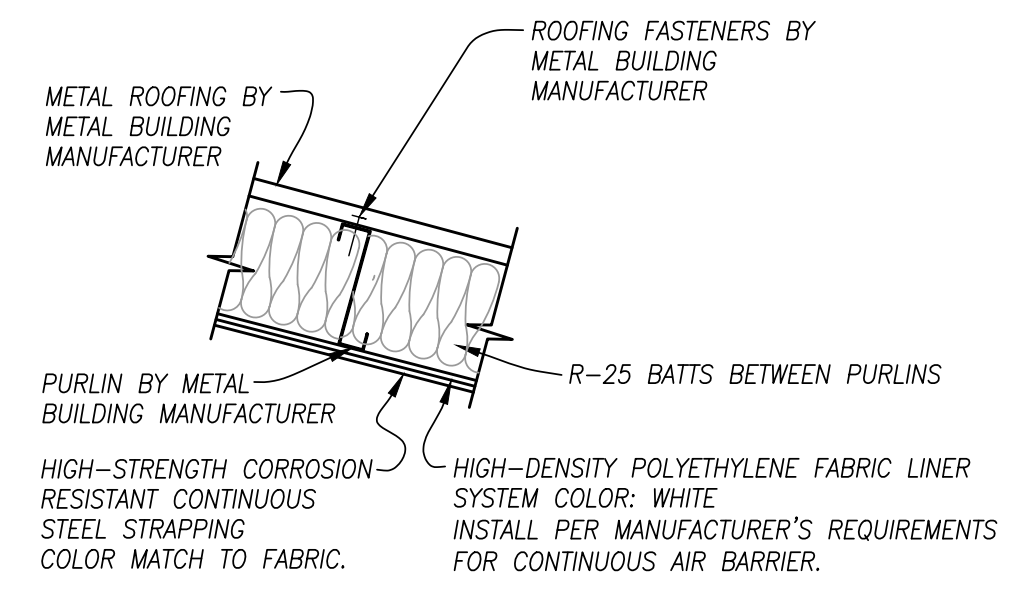
date: JULY 19, 2021
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project no: 21-190

DETAILS

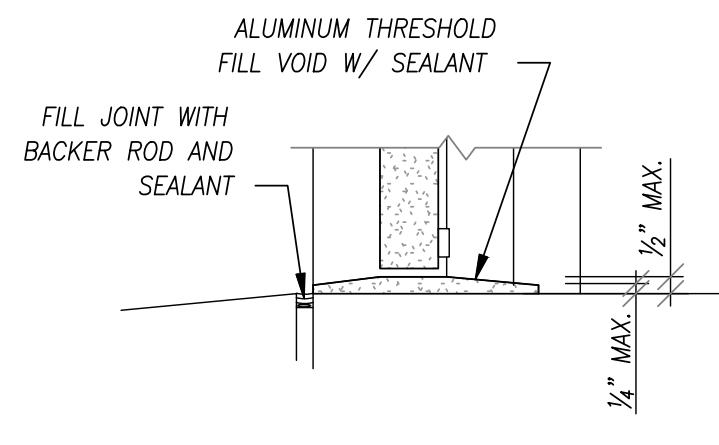
sheet: **A501**



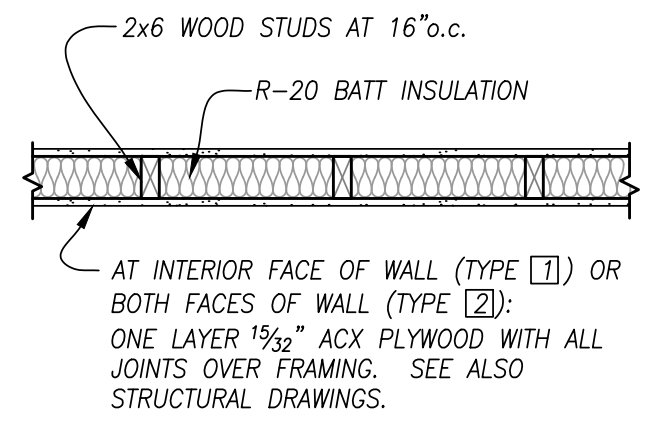
1 EXTERIOR WALL ASSEMBLY
SCALE: N.T.S.



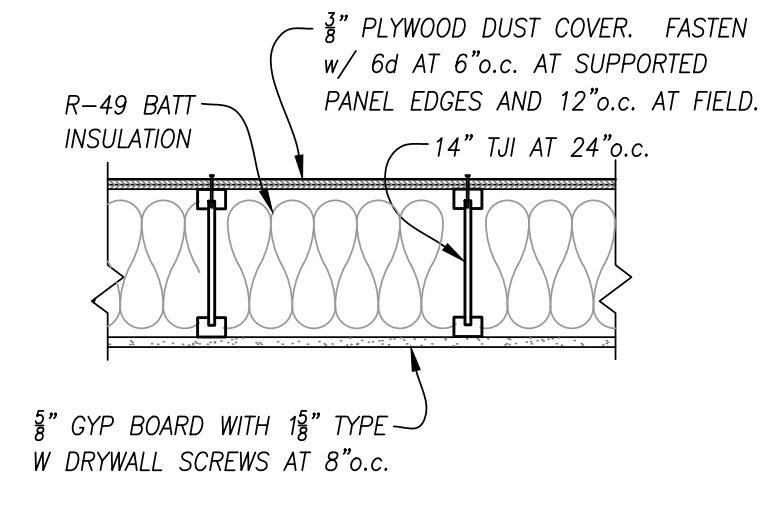
2 ROOF/CEILING ASSEMBLY
SCALE: N.T.S.



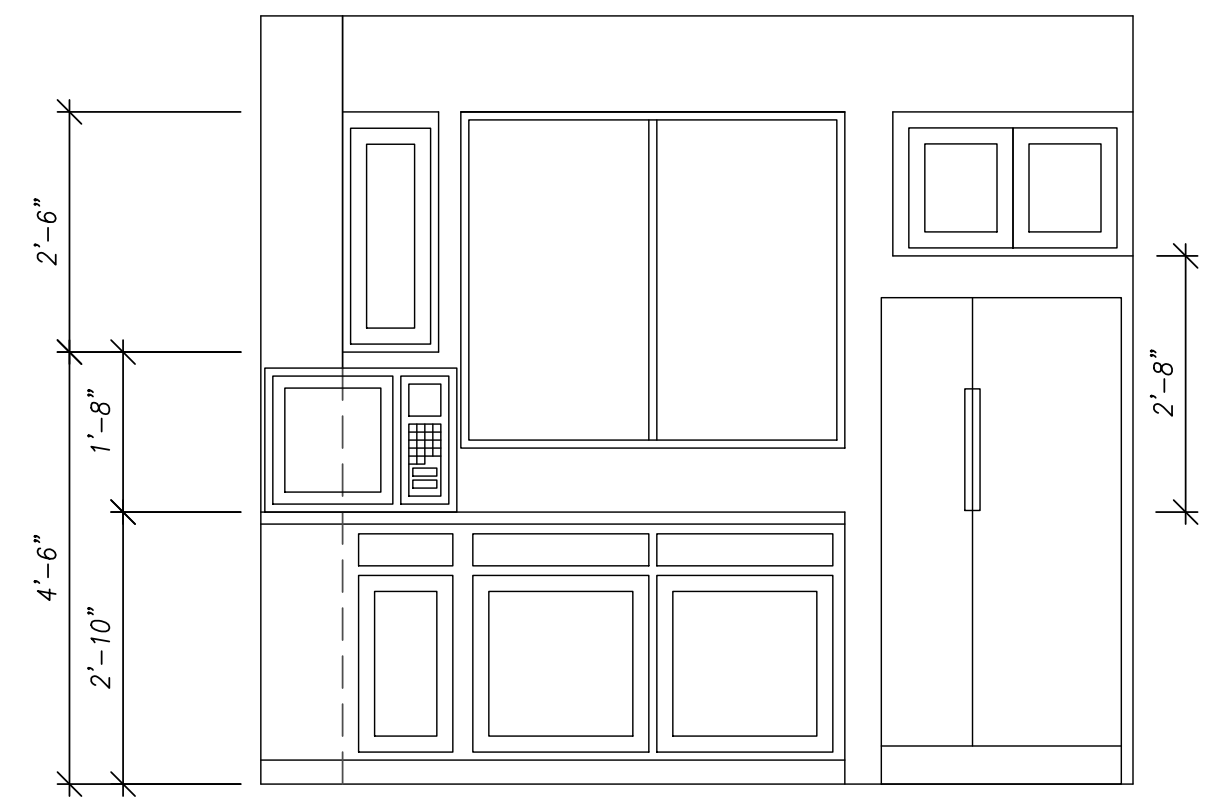
3 EXTERIOR DOOR SILL
SCALE: N.T.S.



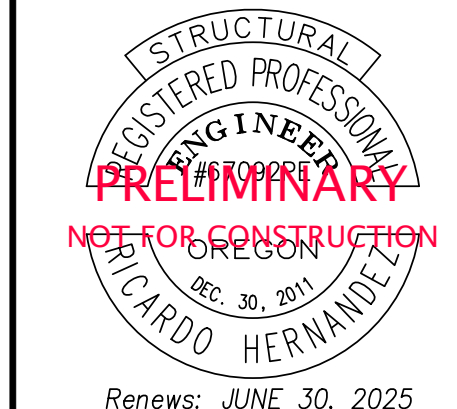
4 TYP. INTERIOR WALL ASSEMBLY
SCALE: N.T.S.



5 CEILING ASSEMBLY
SCALE: N.T.S.



6 KITCHEN ELEVATIONS
SCALE: N.T.S.



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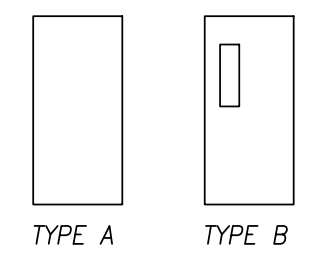
SCHEDULES

sheet: **A601**

| HARDWARE GROUPS | | | | | |
|-----------------|----------------------------|---------------------------|-------|--------|---------------------|
| | DESCRIPTION | PART # | QTY. | FINISH | VENDOR OR ALTERNATE |
| GROUP 1: | HINGES | T4A2714 4 1/2 x 4 1/2 NRP | 3 | US26D | McKINNEY |
| | LOCKSET | AL53PD w/ DEADBOLT | 1 | 626 | SCHLAGE |
| | CLOSER w/ HOLD OPEN DEVICE | 4110/4111 HANDED SERIES | 1 | 689 | LCN |
| | SEALS | - | 1 SET | - | PEMKO |
| | RAINDRIP | 346 A 40" | 1 | - | PEMKO |
| EXTERIOR | THRESHOLD | 171 | 1 | AL | PEMKO |
| GROUP 2: | HINGES | TA2714 4 1/2 x 4 1/2 NRP | 3 | - | McKINNEY |
| | OFFICE FUNCTION LOCKSET | AL 85PD | 1 | 626 | SCHLAGE |
| | DOOR STOP | 70-619 | 1 | 626 | SCHLAGE |
| | SEALS | - | 1 SET | - | PEMKO |
| | THRESHOLD | 171 | 1 | AL | PEMKO |
| OFFICE | | | | | |

| WINDOW SCHEDULE | | | | | | | | | | |
|-----------------|-------|--------|------------------------|------------------------------------|-----------|-----------|--------------|--------|----------|--|
| WINDOW NUMBER | WIDTH | HEIGHT | BRAND | GLAZING | U FACTOR | SHGC | MIN. VT/SHGC | FINISH | OPERABLE | |
| ①-② | 4'-0" | 4'-0" | MILGARD OR CERTAINTEED | DOUBLE GLAZED, THERMA-FLECT (LO E) | 0.45 MAX. | 0.33 MAX. | 1.10 | VINYL | SLIDER | |
| ③ | 2'-4" | 3'-0" | MILGARD OR CERTAINTEED | DOUBLE GLAZED, THERMA-FLECT (LO E) | 0.36 MAX. | 0.36 MAX. | 1.10 | VINYL | NO | |

| DOOR SCHEDULE | | | | | | | |
|---------------|---------|---------|-------|-------|------|----------------|--------------------------------|
| DOOR | SIZE | SWING | FRAME | DOOR | TYPE | HARDWARE GROUP | REMARKS |
| ① ② | 30x70 | RHR | METAL | METAL | A | 1 | |
| ③ | 30x70 | LHR | METAL | METAL | A | 1 | |
| ⑤ ④ | 120x120 | COIL-UP | METAL | METAL | - | - | VISION PANEL AT 6' HEAD HEIGHT |
| ⑥ | 30x70 | RHR | METAL | METAL | B | 2 | MAX. U-FACTOR = 0.63 |





Renews: JUNE 30, 2025

project title:

**FLORENCE TRANSFER STATION EXPANSION
E-WASTE BUILDING**
2820 N. RHODODENDRON DRIVE
FLORENCE, OREGON 97439

revisions:
1-12-2024
RH

date: JUNE 15, 2023
drawn by: JLB
designer: RH
project no: 21-190

**FOUNDATION
PLAN & NOTES**

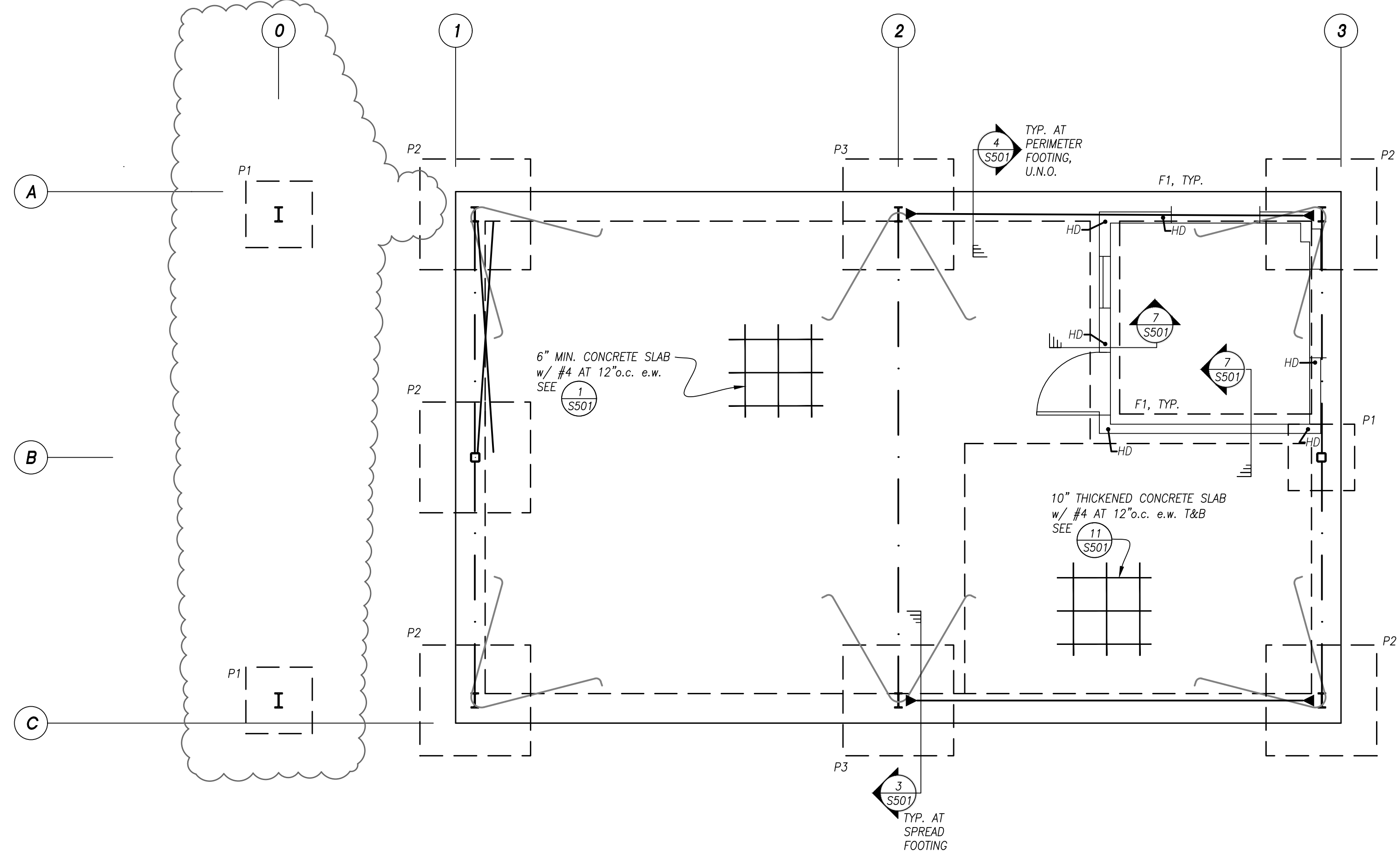
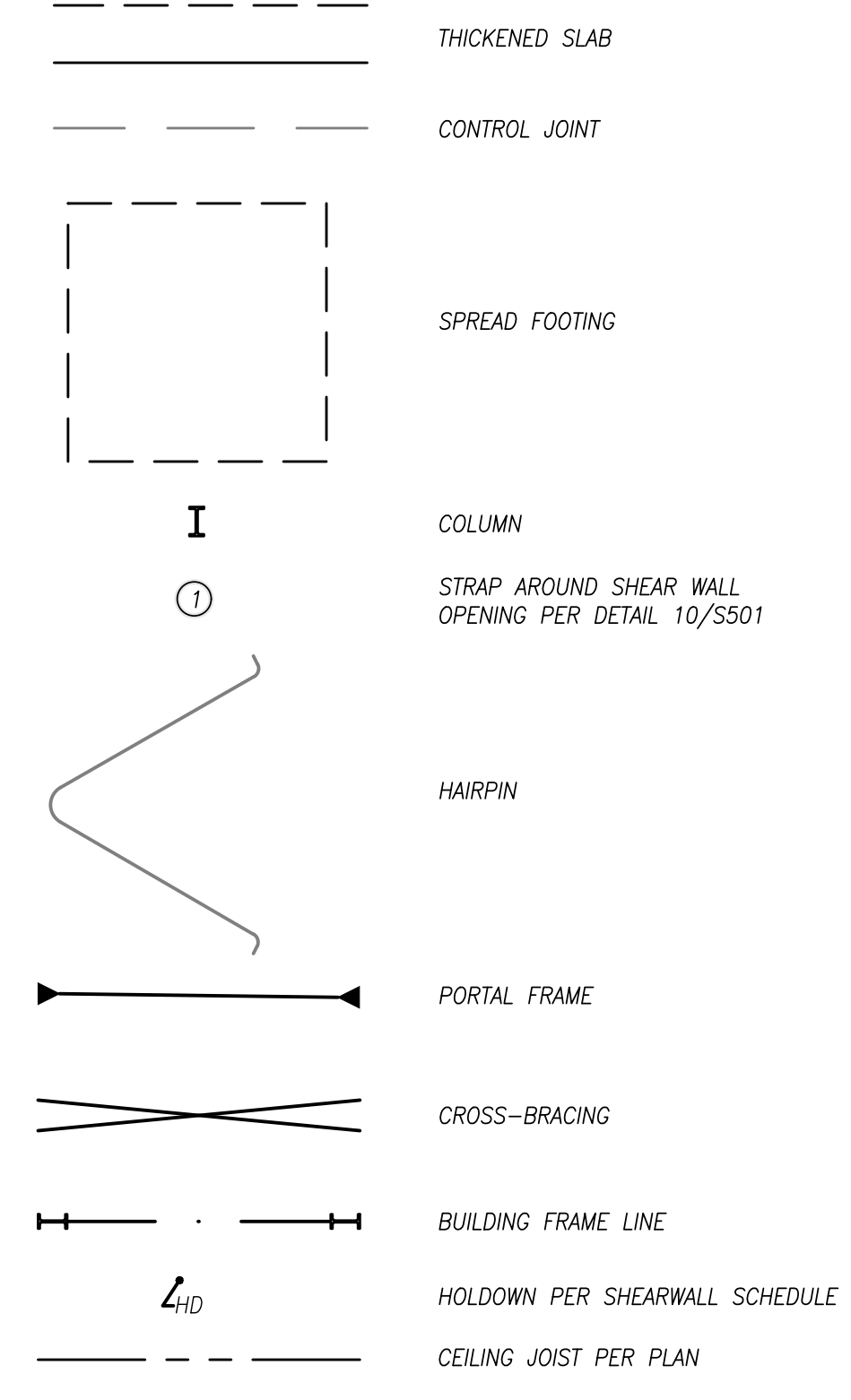
sheet:
S101

FOOTING SCHEDULE

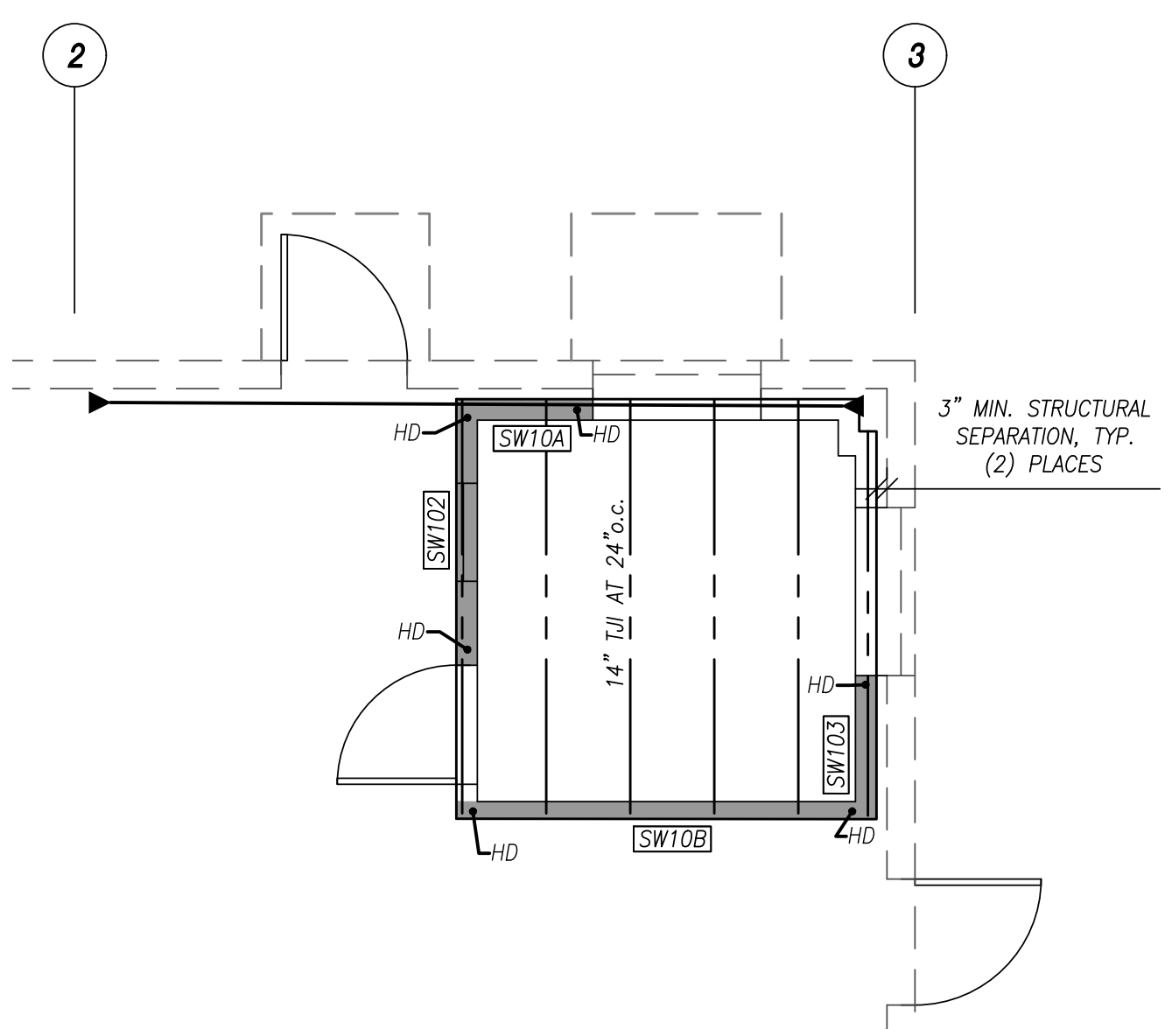
| MARK | SIZE | REINFORCING | ANCHOR* | EMBED |
|------|------------------------|-------------------------|-----------|-------|
| P1 | 3'-0" SQ. x 1'-0" THK | (3) #5 BAR EACH WAY T&B | PAB5 | 12" |
| P2 | 5'-0" SQ. x 1'-0" THK | (5) #5 BAR EACH WAY T&B | PAB6/PAB6 | 12" |
| P3 | 5'-0" SQ. x 1'-6" THK | (5) #5 BAR EACH WAY T&B | PAB6/PAB6 | |
| F1 | 1'-4" WIDE x 1'-6" THK | (2) #5 CONT. BARS T&B | N/A | N/A |

*FOOTING LOCATION MAY REQUIRE ANCHOR BOLTS FOR RIGID FRAME & PORTAL FRAME CONNECTIONS. ANCHOR BOLTS LISTED ARE THOSE REQUIRED FOR RIGID FRAME & PORTAL FRAME (WHERE APPLICABLE) RESPECTIVELY.

LEGEND



1 FOUNDATION PLAN
SCALE: 1/4"=1'-0"



2 BREAK ROOM FRAMING PLAN
SCALE: 1/4"=1'-0"

GENERAL NOTES:

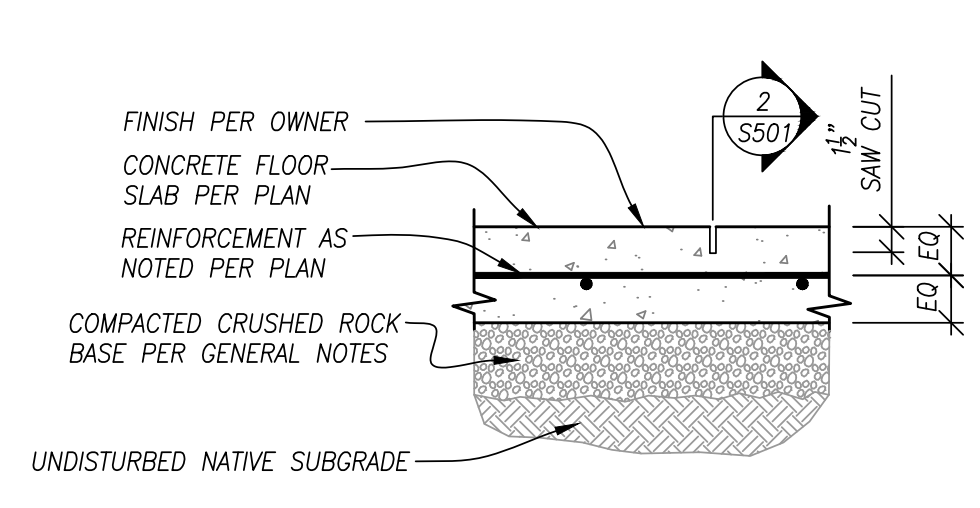
- BUILDING FOUNDATION & FOOTING DESIGN APPLIES ONLY TO THOSE REACTIONS SUPPLIED BY THE MANUFACTURER IN THE COLUMN BASE REACTIONS PACKET, MARKED a. "JOB NUMBER" b. "FOR ERECTOR INSTALLATION"
- REQUIRED ANCHOR ROD PROJECTION IS PER METAL BUILDING MANUFACTURER.
- ALL ANCHOR ROD SHALL BE F1554 GRADE 36.
- LATERAL BRACING SHALL BE PER THE METAL BUILDING MANUFACTURER. LATERAL BRACING LAYOUT SHALL BE CONSISTENT WITH THAT SHOWN HEREON. CONTACT THE FOUNDATION DESIGN ENGINEER IF LATERAL BRACING LAYOUT DIFFERS FROM THAT SHOWN.
- ANCHOR BOLTS ARE AS MANUFACTURED BY "SIMPSON STRONG-TIE" OR APPROVED ALTERNATE.
- ANCHOR BOLT PATTERNS AND LOCATION ARE PER THE METAL BUILDING MANUFACTURER.
- COMPACTED CRUSHED ROCK BASE BENEATH ALL CONCRETE ELEMENTS SHALL BE 24" MIN. CRUSHED ROCK COMPACTED TO 95% RELATIVE COMPACTION, MODIFIED PROCTOR. INSTALL IN TWO 12" LIFTS WITH BIALXIAL GEOGRID PLACED BETWEEN LIFTS. CRUSHED ROCK SHALL BE WELL GRADED AND HAVE A MAXIMUM PARTICLE SIZE OF 3". FINAL LEVELING COURSE MAY BE 3/4"-0". ALL CRUSHED ROCK FILL SHALL BE APPROVED BY LANE COUNTY ENGINEERING AND CONSTRUCTION SERVICES BEFORE IMPORTING IT TO THE SITE.

CONCRETE SPECIFICATIONS:

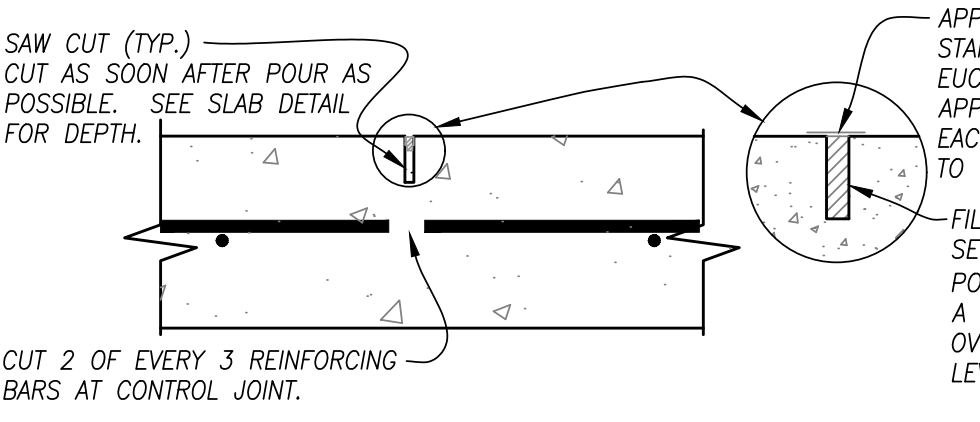
- CEMENT: ASTM C150 TYPE I OR II.
- WATER: IN CONFORMANCE WITH ASTM C94.
- WATER-REDUCING ADMIXTURE: ASTM C494 TYPE A, OR TYPE F MID-RANGE TYPE.
- STRUCTURAL CONCRETE SHALL BE f'c = 4500 PSI AT 28 DAYS. SLUMP SHALL BE 4" +/- 1". SLUMPS MAY BE INCREASED TO 8" MAXIMUM w/ APPROVED ADMIXTURE. f'c = 2500 PSI USED FOR DESIGN PURPOSES.
- MAXIMUM W/C RATIO SHALL BE 0.45
- CONCRETE MATERIALS AND QUALITY SHALL BE IN ACCORDANCE WITH CHAPTERS 3 AND 5 RESPECTIVELY OF CURRENT ADOPTED VERSION OF ACI 318 "BUILDING CODE REQUIREMENTS FOR STRUCTURAL CONCRETE".
- TRANSPORTATION OF READY-MIX CONCRETE SHALL BE IN ACCORDANCE WITH ASTM C94 "SPECIFICATION FOR READY-MIX CONCRETE" AND CONCRETE PLACEMENT, CONSOLIDATION, AND CURING SHALL BE IN ACCORDANCE WITH SECTION 5 OF ACI 301 "SPECIFICATIONS FOR STRUCTURAL CONCRETE".
- HOT-WEATHER CONCRETING SHALL BE IN ACCORDANCE WITH ACI 305R "GUIDE TO HOT-WEATHER CONCRETING" AND 305.1 "STANDARD SPECIFICATION FOR HOT-WEATHER CONCRETING". COLD-WEATHER CONCRETING SHALL BE IN ACCORDANCE WITH ACI 306R "GUIDE TO COLD-WEATHER CONCRETING" AND 306.1 "STANDARD SPECIFICATION FOR COLD-WEATHER CONCRETING".
- USE ASTM A615 GRADE 60 REINFORCING BARS
- CURING OF SLAB CONCRETE SHALL BE WET TYPE IN ACCORDANCE WITH SECTION 5.3.6.4 B OF ACI 301 "SPECIFICATIONS FOR STRUCTURAL CONCRETE" & ACI 308R-01.

SHEARWALL SCHEDULE

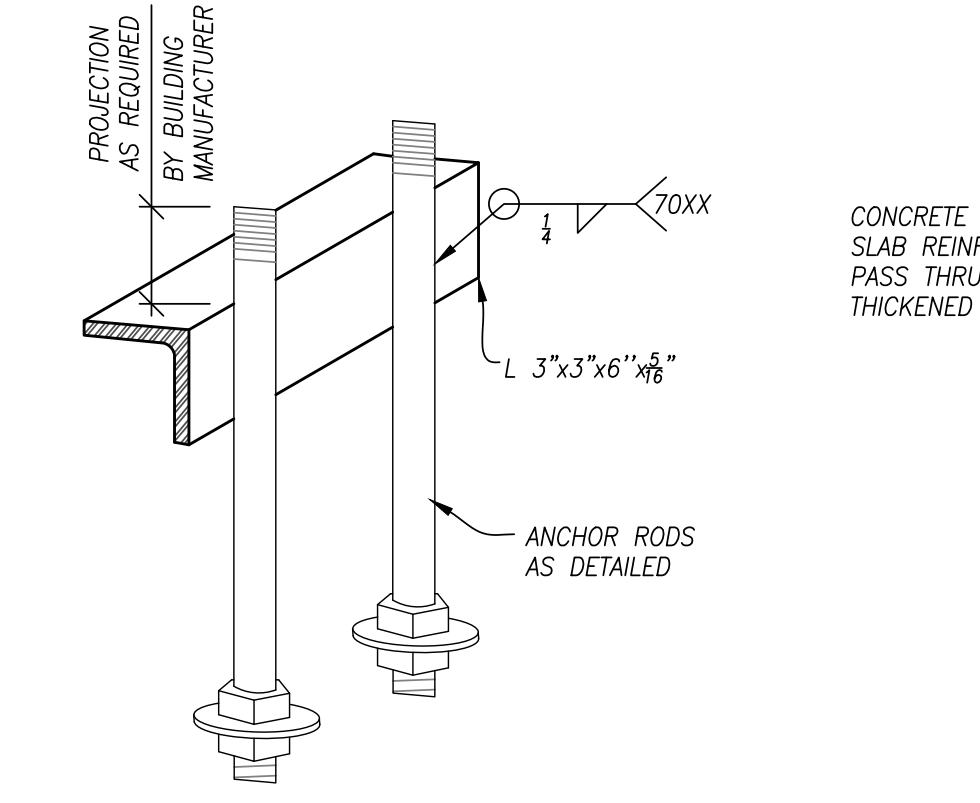
| SW # | SHEARWALL SPECIFICATIONS | | | BASE CONNECTION SPECIFICATIONS | | | HOLDOWN SPECIFICATION | | | |
|-------|--------------------------|--|--------------------|---------------------------------|-------------------------|------------------|-----------------------|------------------------|------------------|-------|
| | SHEATHING | PANEL FRAMING AT ADJOINING PANEL EDGES | PANEL EDGE NAILING | BOTTOM PLATE NAILING | 5/8" J-BOLT MAX SPACING | LTP4/A35 SPACING | SIMPSON HD | END STUDS | ANCHOR | EMBED |
| SW102 | 15/32" CDX | 2X | 8d AT 6" o.c. | (3) 16d NAILS AT 32in o.c. MAX. | 48 in | 92 in | HDU2-SDS2.5_DF-SP | (2) 2x U.N.O. PER PLAN | "SIMPSON" SSTB16 | 13 in |
| SW103 | 15/32" CDX | 2X | 8d AT 6" o.c. | (3) 16d NAILS AT 28in o.c. MAX. | 48 in | 60 in | HDU2-SDS2.5_DF-SP | (2) 2x U.N.O. PER PLAN | "SIMPSON" SSTB16 | 13 in |
| SW10A | 15/32" CDX | 2X | 8d AT 6" o.c. | (3) 16d NAILS AT 28in o.c. MAX. | 48 in | 60 in | HDU2-SDS2.5_DF-SP | (2) 2x U.N.O. PER PLAN | "SIMPSON" SSTB16 | 13 in |
| SW10B | 15/32" CDX | 2X | 8d AT 6" o.c. | (3) 16d NAILS AT 32in o.c. MAX. | 48 in | 92 in | NONE | (2) 2x U.N.O. PER PLAN | | |



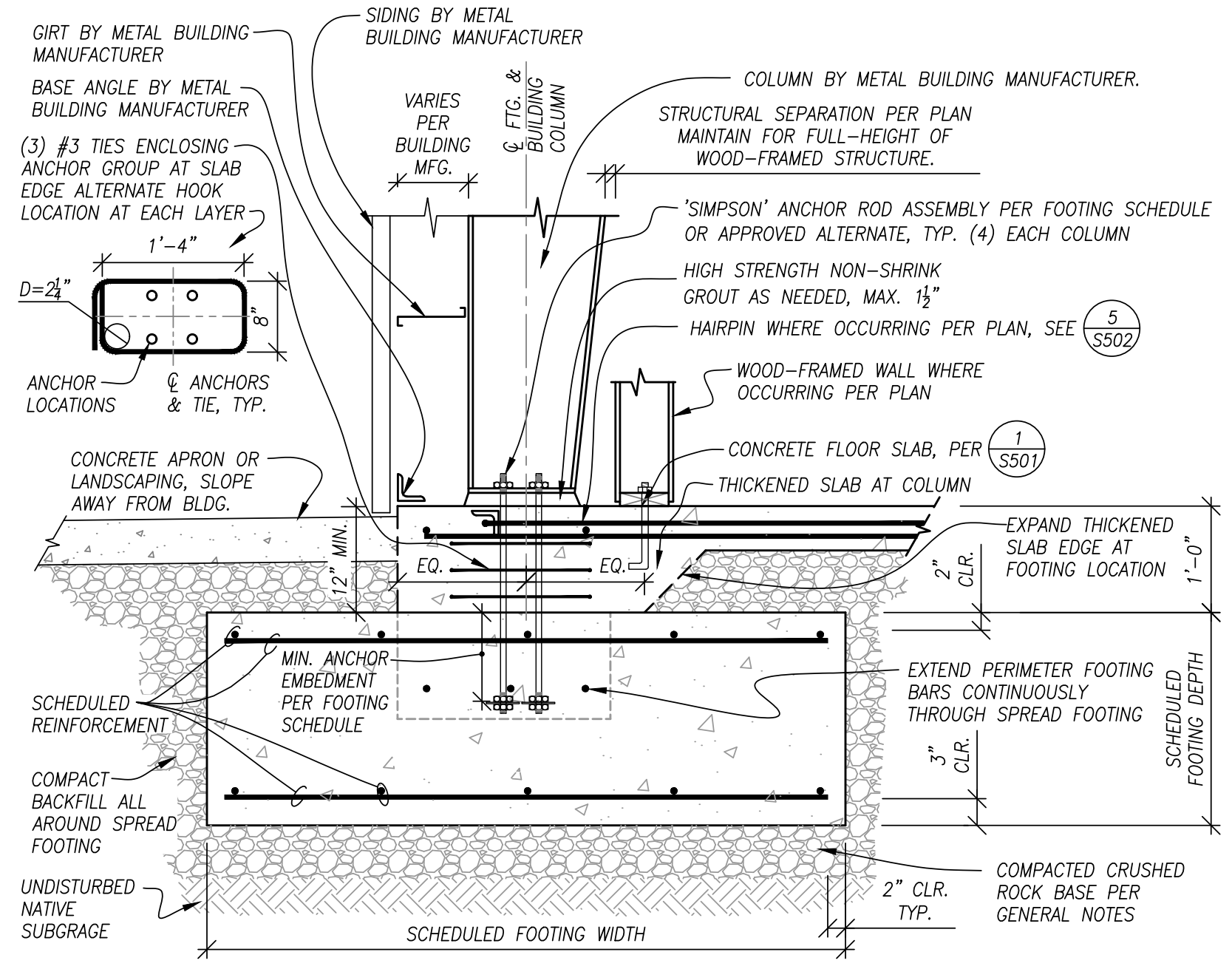
1 SLAB-ON-GRADE
SCALE: N.T.S.



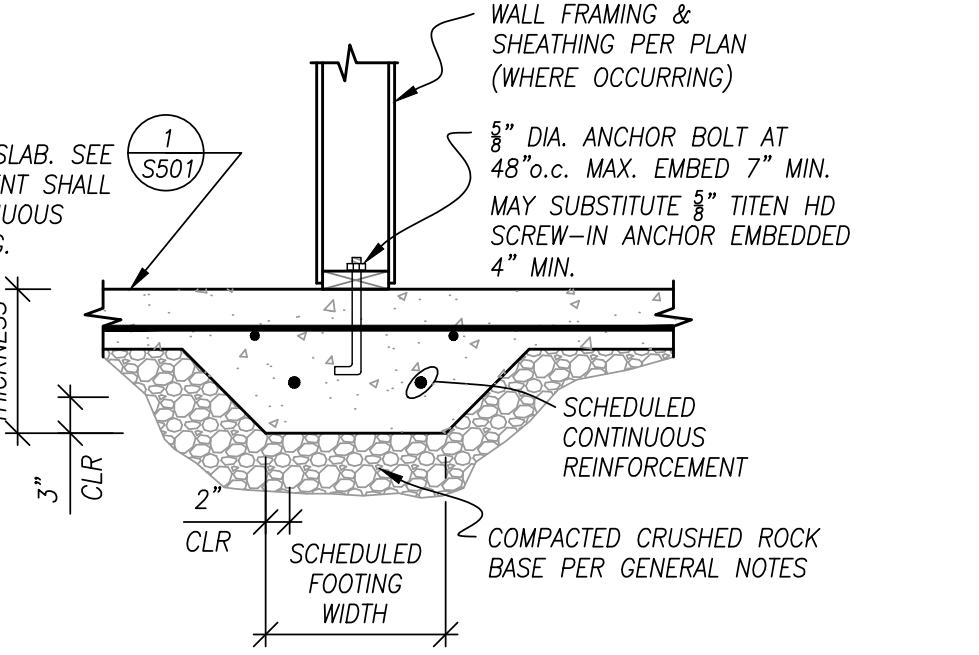
2 CONTROL JOINT
SCALE: N.T.S.



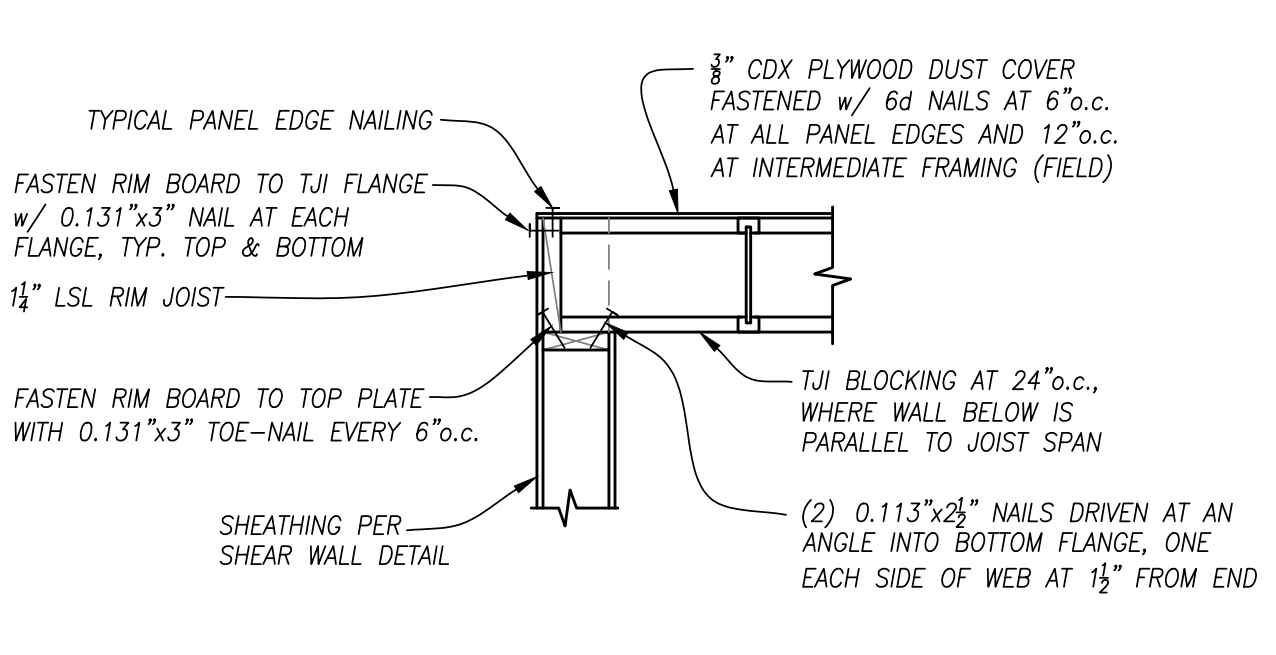
6 THRUST ANGLE DETAIL
SCALE: N.T.S.



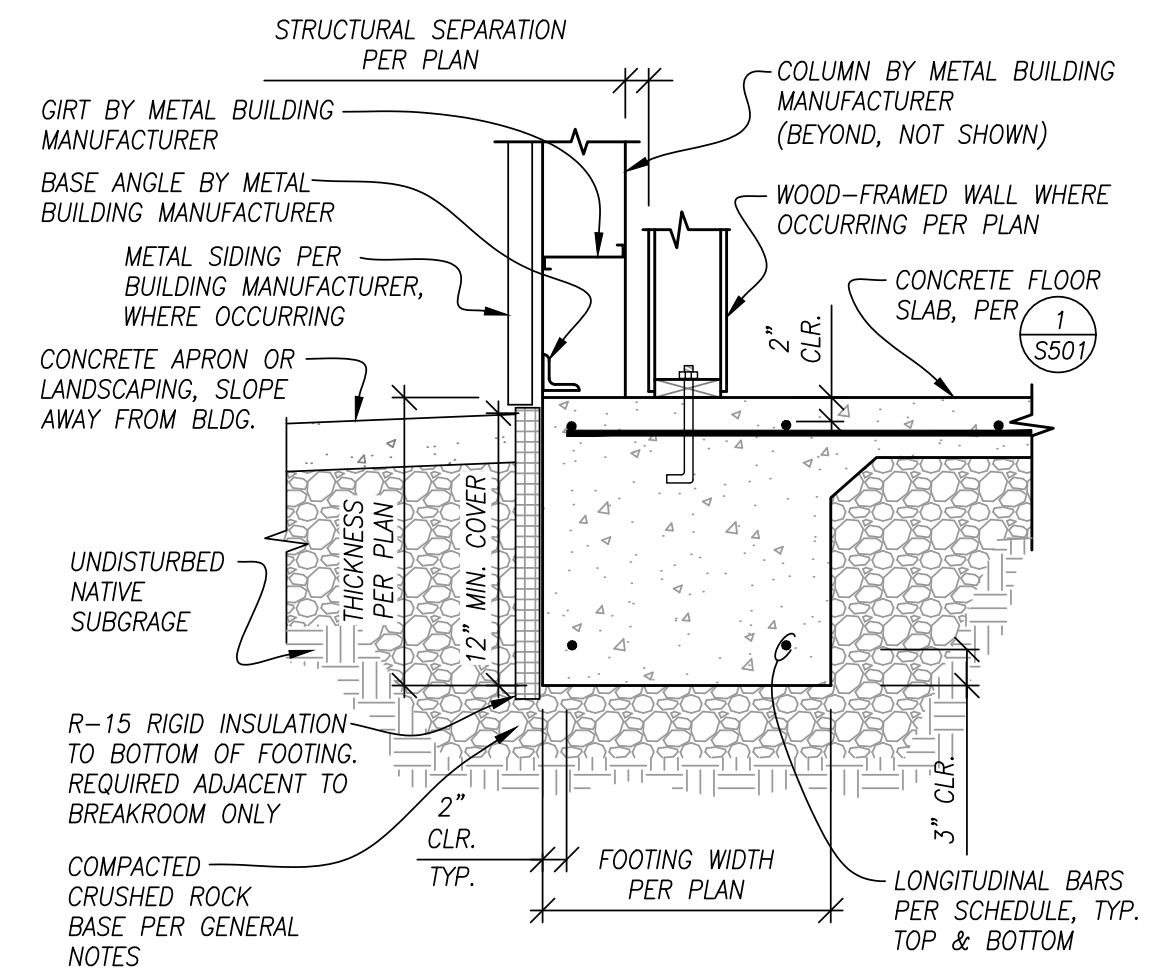
3 SPREAD FOOTING
SCALE: N.T.S.



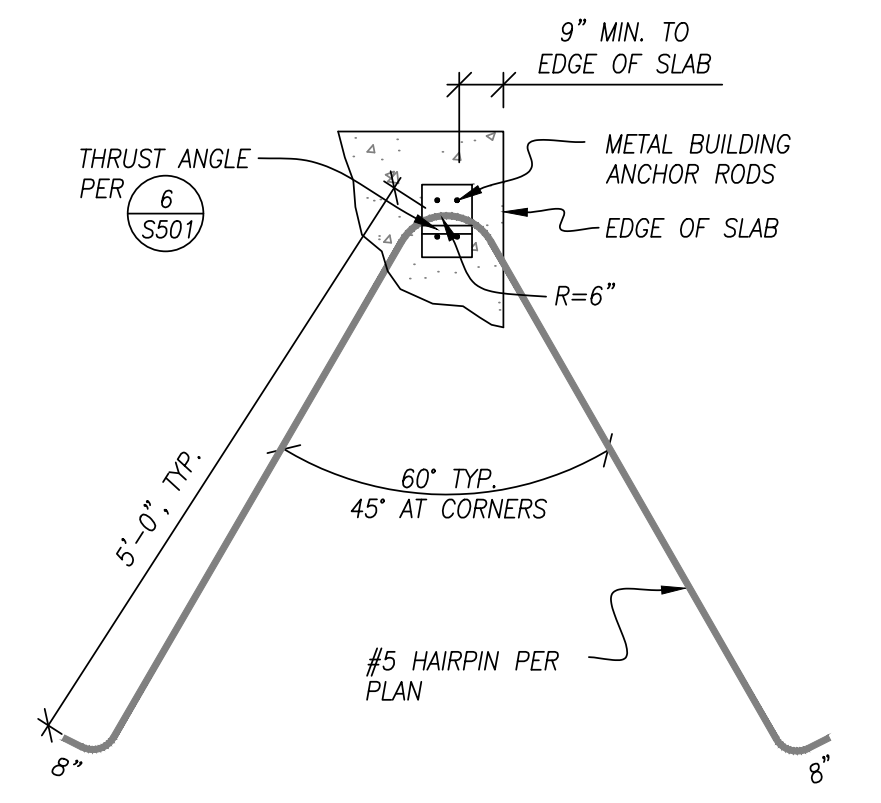
7 THICKENED FOOTING
SCALE: N.T.S.



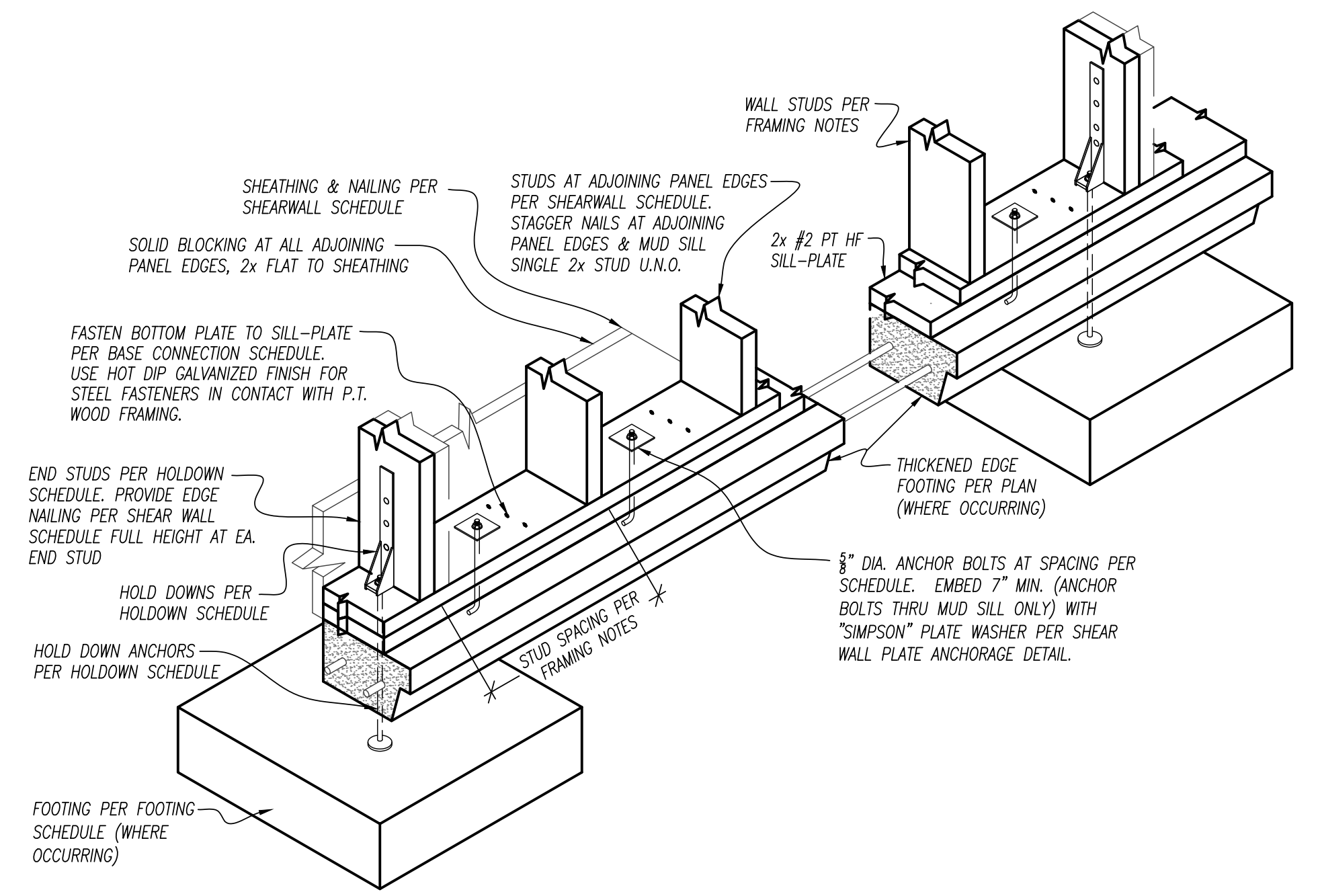
8 CEILING TO WALL CONNECTION
SCALE: N.T.S.



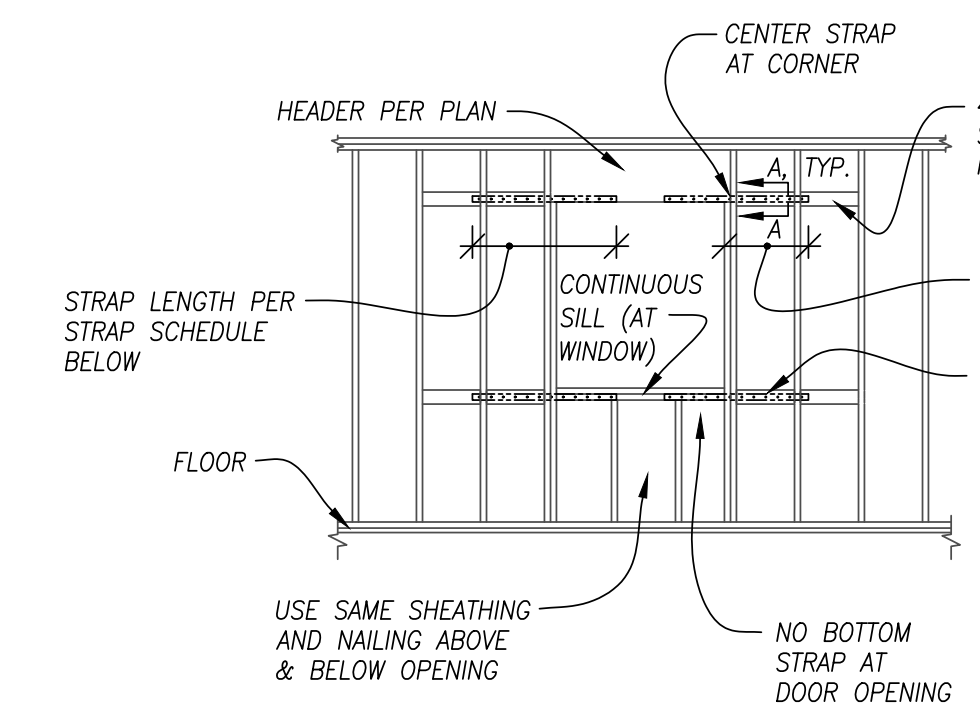
4 THICKENED SLAB EDGE
SCALE: N.T.S.



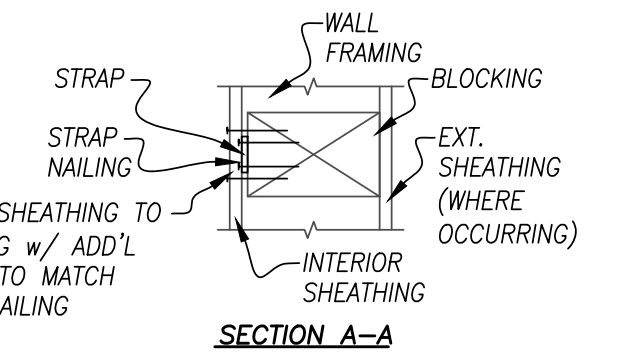
5 HAIR PIN DETAIL
SCALE: N.T.S.



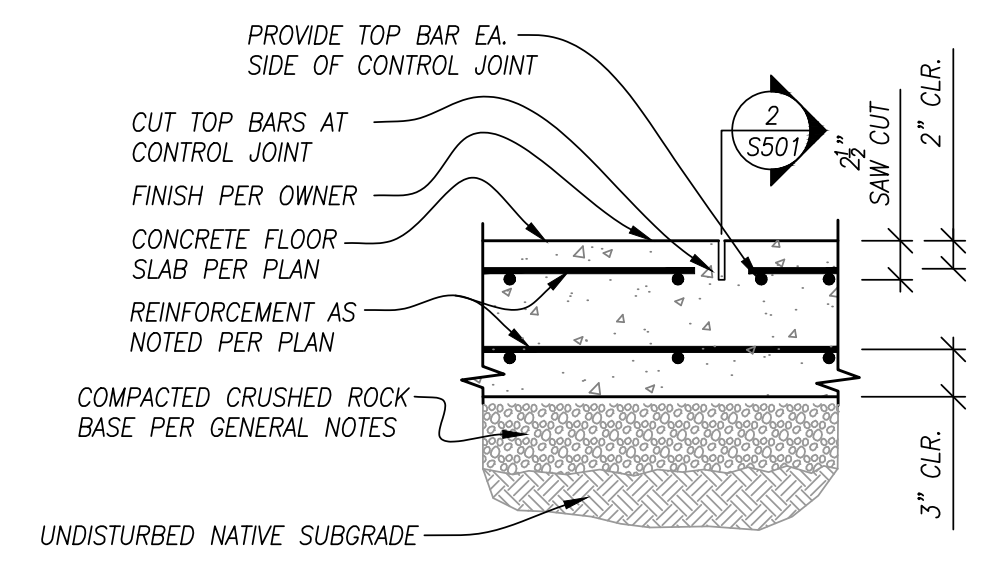
9 SHEAR WALL - FIRST STORY
SCALE: N.T.S.



| STRAP AROUND OPENING SCHEDULE | | | | |
|-------------------------------|-------|------|-----------|------------------|
| MARK | STRAP | QTY. | NAIL SIZE | TOTAL # FASTENER |
| 1 | CS16 | 1 | 8d | 43 |



10 OPENING AT SHEAR WALL
SCALE: N.T.S.



11 SLAB-ON-GRADE
SCALE: N.T.S.

LANE COUNTY
DEPARTMENT OF PUBLIC WORKS
ENGINEERING & CONSTRUCTION SERVICES DIVISION
PLANS FOR PROPOSED PROJECT
GRADING, PAVING, AND STRUCTURES

Exhibit E

FLORENCE TRANSFER STATION RECONSTRUCTION

LANE COUNTY, OREGON
JUNE 2020



SEC. 22, T. 18 S., R. 12 W., W.M.

VICINITY MAP



ATTENTION
OREGON LAW REQUIRES YOU TO FOLLOW RULES ADOPTED BY THE OREGON UTILITY NOTIFICATION CENTER. THOSE RULES ARE SET FORTH IN OAR 952-001-0010 THROUGH OAR 952-001-0090. YOU MAY OBTAIN COPIES OF THE RULES FROM THE CENTER. THE TELEPHONE NUMBER FOR THE UTILITY NOTIFICATION CENTER IS 811 OR 1-800-332-2344

THESE PLANS WERE DEVELOPED USING AASHTO DESIGN STANDARDS. EXCEPTIONS TO THESE STANDARDS, IF ANY, HAVE BEEN SUBMITTED AND APPROVED BY THE COUNTY ENGINEER

PLANS HALF-SIZE



APPROVED FOR CONSTRUCTION: *Peggy A. Keppler*
PEGGY A. KEPPLER, P.E., P.L.S.
COUNTY ENGINEER

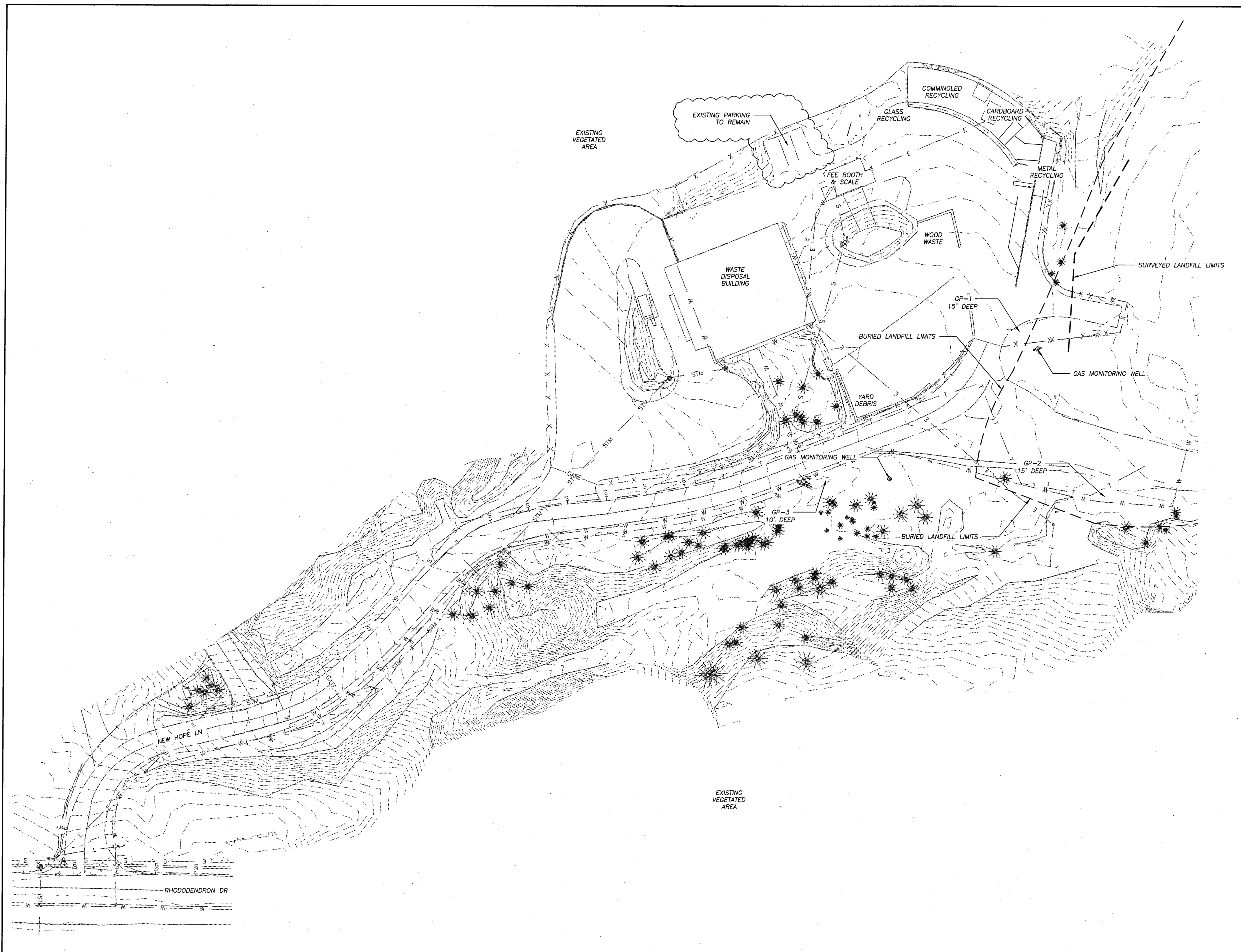
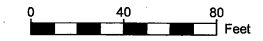
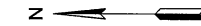
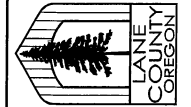
DAN HURLEY, P.E.
PUBLIC WORKS DIRECTOR

LANE COUNTY COMMISSIONERS

- JAY BOZIEVICH
- PAT FARR
- PETER SORENSON
- JOE BERNEY
- HEATHER BUCH



PROJECT FILE NO: 36572306



LANE COUNTY
DEPARTMENT OF PUBLIC WORKS
ENGINEERING DIVISION

DANIEL M. HURLEY, P.E.
 PUBLIC WORKS DIRECTOR

PEGGY A. KEPPLER, PE, PLS.
 COUNTY ENGINEER

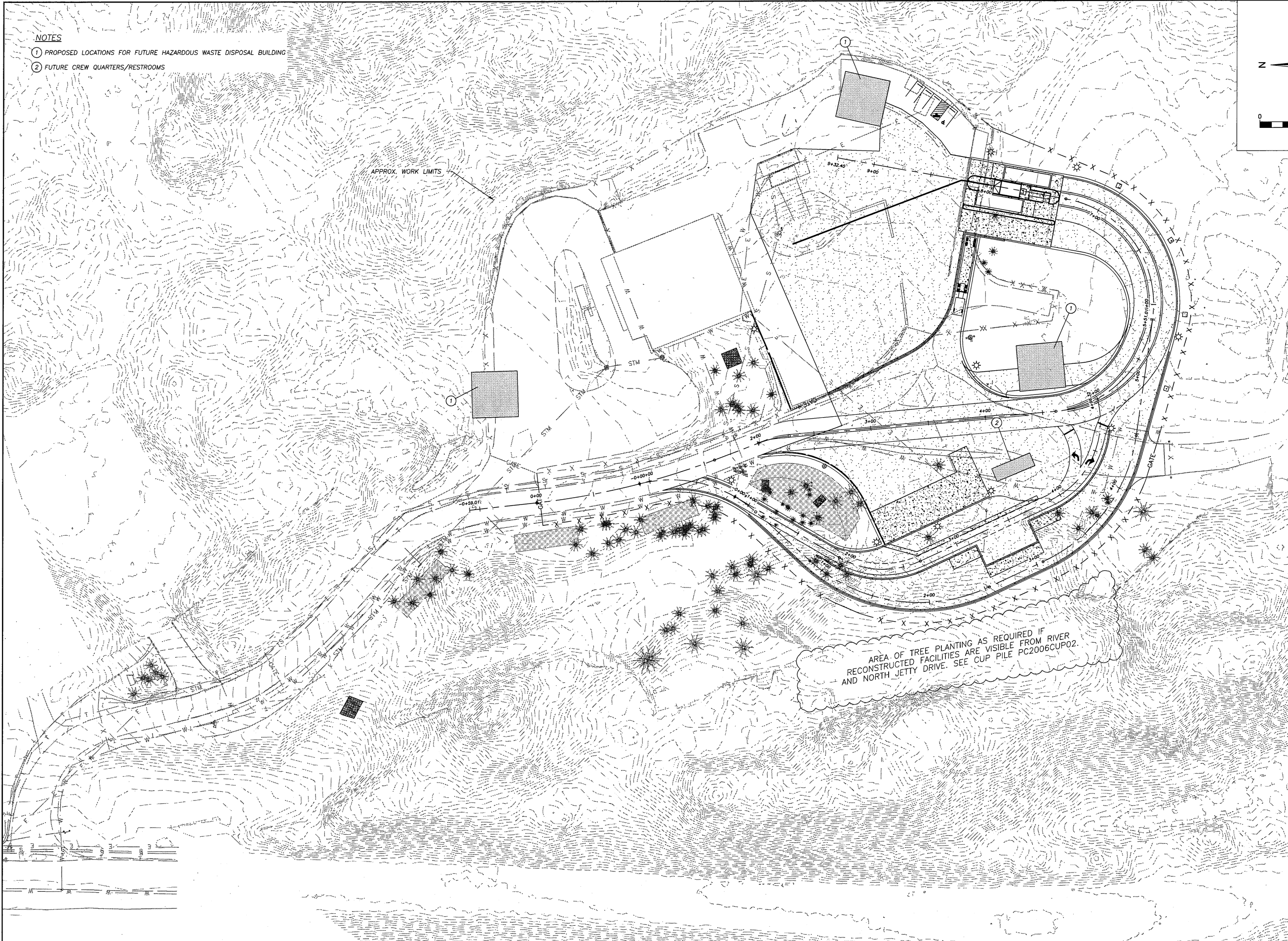
| DATE | REVISION | APPROD |
|----------|---|--------|
| 07/09/20 | ADDED NOTE REGARDING EXISTING PARKING TO REMAIN | GT |
| | | |
| | | |

FLORENCE TRANSFER STATION
EXPANSION
EXISTING CONDITIONS

DATE: 7/18/20
 PROJECT NO.: 38672306
 ROAD NO.: 528200



SHEET NO.
XC



- NOTES
- ① PROPOSED LOCATIONS FOR FUTURE HAZARDOUS WASTE DISPOSAL BUILDING
 - ② FUTURE CREW QUARTERS/RESTROOMS



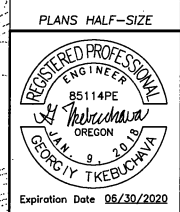
LANE COUNTY
DEPARTMENT OF PUBLIC WORKS
ENGINEERING DIVISION

DANIEL M. HURLEY, P.E. PUBLIC WORKS DIRECTOR
 PEGGY A. KEPPLER, P.E., P.L.S. COUNTY ENGINEER

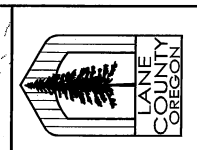
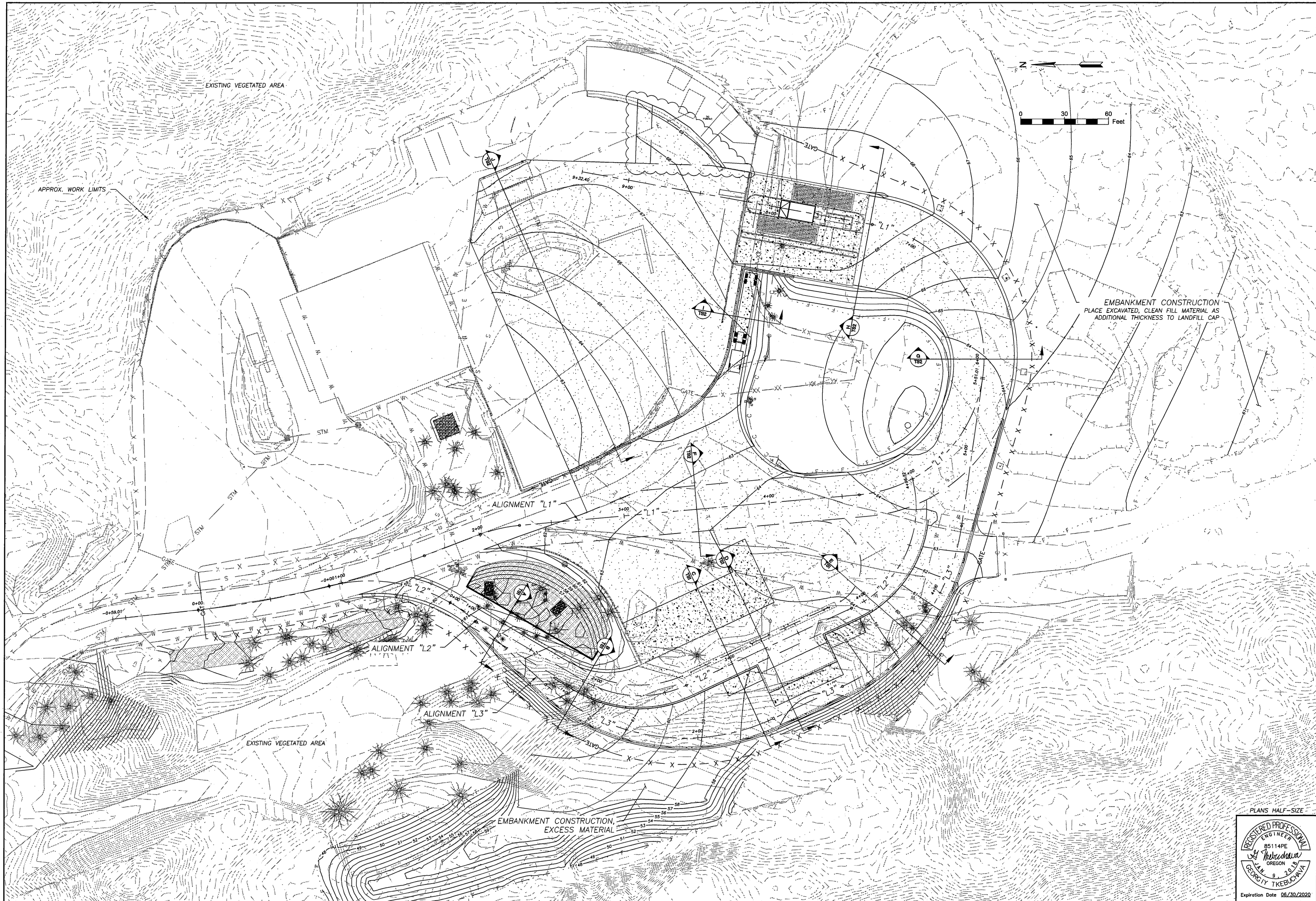
| DATE | REVISION | APPROV |
|----------|---------------------------------|--------|
| 07/29/20 | ADDED TREE PLANTING AS REQUIRED | KTW |
| | | |
| | | |

FLORENCE TRANSFER STATION
EXPANSION
PROPOSED FUTURE BLDG SITES

PROJECT NO. 98572306
 ROAD NO. 528200
 DATE 7/29/20



SHEET NO.
PB



**LANE COUNTY
DEPARTMENT OF PUBLIC WORKS
ENGINEERING DIVISION**

DANIEL M. HURLEY, P.E. PUBLIC WORKS DIRECTOR
PEGGY A. KEPPLER, P.E., P.L.S. COUNTY ENGINEER

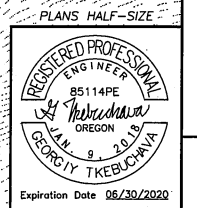
| DATE | REVISION | APPROD |
|----------|--|--------|
| 07/09/20 | ADDED ADDITIONAL GRADING FOR ADA PARKING | GT |

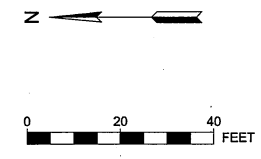
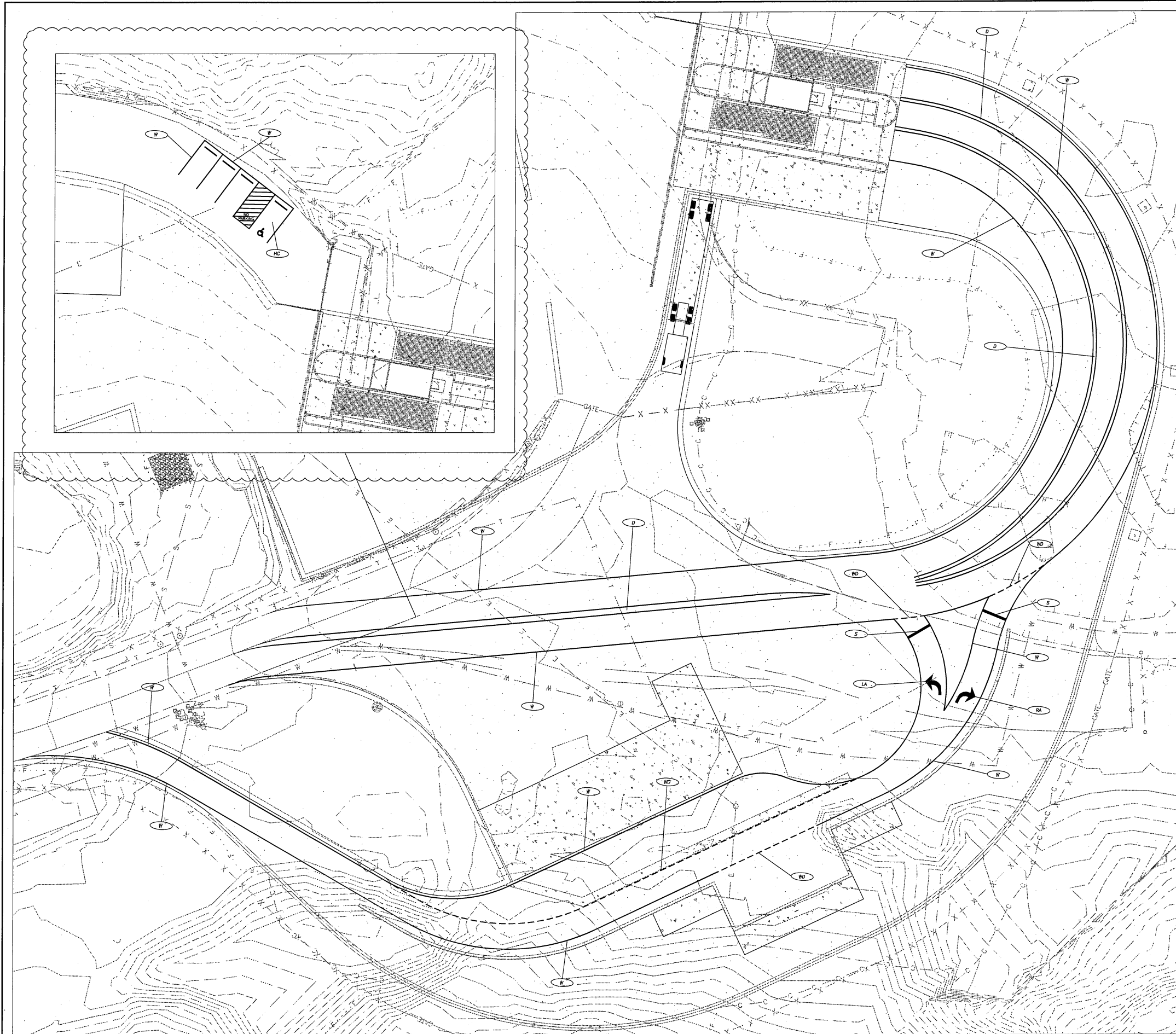
**FLORENCE TRANSFER STATION
EXPANSION
GRADING PLAN**

PLANS HALF-SIZE

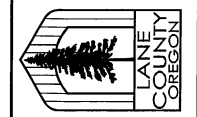
PROJECT NO. 36872306
ROAD NO. 528200
DATE 7/8/20

**SHEET NO.
C4**





- CONSTRUCTION NOTES**
- (W) INSTALL (4") WHITE LINE
 - (D) INSTALL DOUBLE NO-PASS TWO (4") YELLOW LINES
 - (WD) INSTALL (4") WHITE DOTTED LINE
 - (S) INSTALL (12") WHITE STOP BAR
 - (RA) INSTALL WHITE RIGHT TURN ARROW
 - (LA) INSTALL WHITE LEFT TURN ARROW
 - (HC) INSTALL DISABLED PARKING PAVEMENT MARKINGS



**LANE COUNTY
DEPARTMENT OF PUBLIC WORKS
ENGINEERING DIVISION**

DANIEL M. HURLEY, P.E.
PUBLIC WORKS DIRECTOR

PEGGY A. KEPPLER, P.E., P.L.S.
COUNTY ENGINEER

| DATE | REVISION | APPRD |
|----------|---|-------|
| 07/09/20 | ADDED ADDITIONAL STRIPING FOR ADA PARKING | GT |
| | | |
| | | |

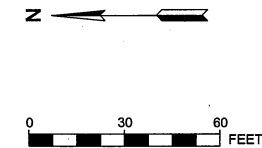
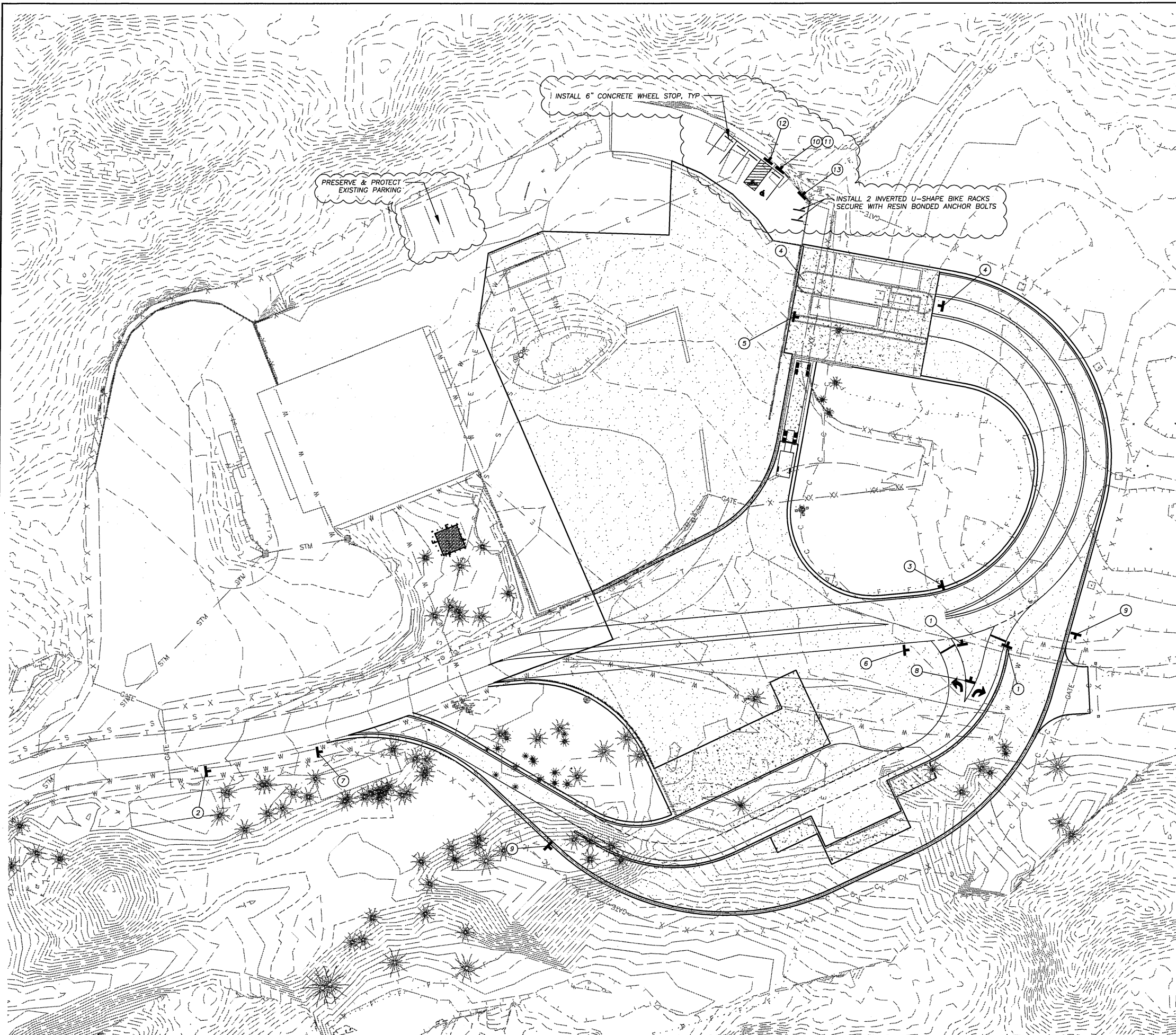
**FLORENCE TRANSFER STATION
EXPANSION
SITE PLANS
STRIPING PLAN**

PROJECT NO. 96572306
ROAD NO. 528200

PLANS HALF-SIZE

DATE 7/8/20

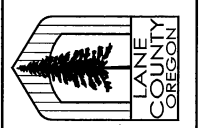
SHEET NO.
C7



CONSTRUCTION NOTES

1. INSTALL SIGNS AND POSTS PER ODOT STANDARD DRAWINGS NO. TM671, TM676, TM677, TM681, AND TM687

| | | |
|----------------------------|----------------------------|-----------------------------|
| R1-1 30" x 30" ① | R2-1 24" x 30" ② | R3-2 24" x 24" ③ |
| R4-7 24" x 30" ④ | R4-8 24" x 30" ⑤ | R3-1 24" x 24" ⑥ |
| D2-1 66" x 30" ⑦ | D2-1 60" x 30" ⑧ | R5-1 30" x 30" ⑨ |
| R7-8 12" x 18" ⑩ | R7-8P 18" x 9" ⑪ | OR7-9 12" x 18" ⑫ |
| D4-3 12" x 18" ⑬ | | |



**LANE COUNTY
DEPARTMENT OF PUBLIC WORKS
ENGINEERING DIVISION**

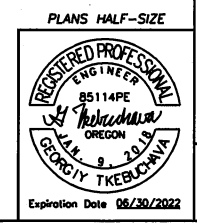
DANIEL M. HURLEY, P.E.
PUBLIC WORKS DIRECTOR

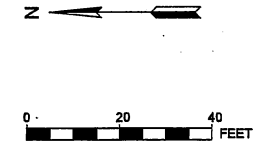
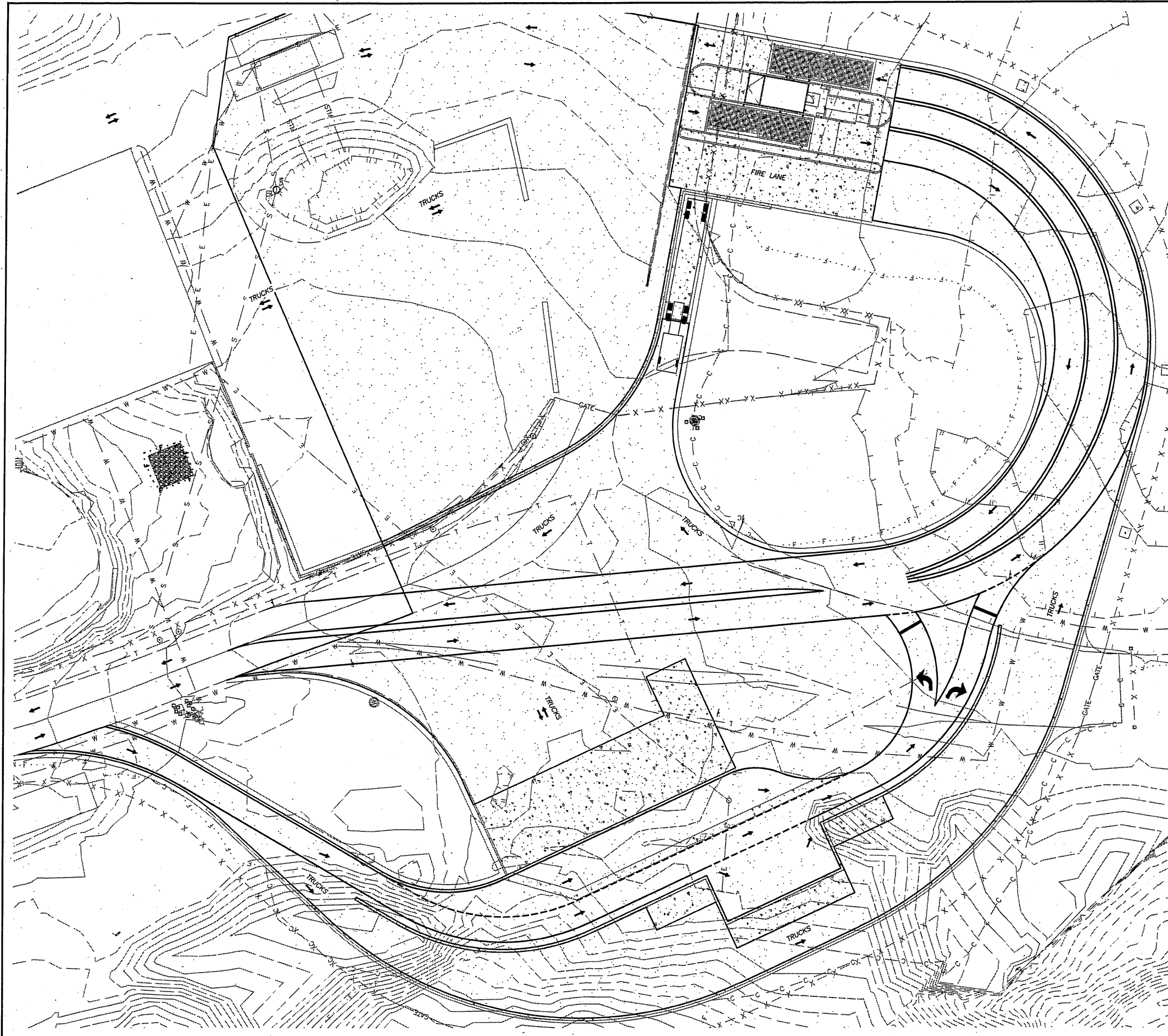
PEGGY A. KEFFLER, PE, PLS.
COUNTY ENGINEER

| DATE | REVISION | APPROVED |
|----------|---|----------|
| 07/09/20 | ADDED ADDITIONAL SIGNAGE FOR ADA PARKING | GT |
| 08/19/20 | ADDED NOTE REGARDING EXISTING PARKING TO REMAIN | GT |

**FLORENCE TRANSFER STATION
EXPANSION
SITE PLANS
SIGNAGE PLAN**

PROJECT NO. 96572206
ROAD NO. 528200
DATE 7/8/20





NOTES

1. VEHICLE CIRCULATION PLAN SHOWN
2. DIRECTIONAL ARROWS SHOWN REPRESENT VEHICLE CIRCULATION ONLY, UNLESS NOTED OTHERWISE.



**LANE COUNTY
DEPARTMENT OF PUBLIC WORKS
ENGINEERING DIVISION**

DANIEL M. HURLEY, P.E.
PUBLIC WORKS DIRECTOR

PEGGY A. KEPPLER, PE, PLS.
COUNTY ENGINEER

| APPROD | REVISION | DATE |
|--------|----------|------|
| | | |
| | | |
| | | |

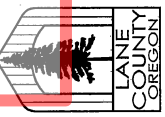
**FLORENCE TRANSFER STATION
EXPANSION
SITE PLANS
CIRCULATION PLAN**

PROJECT NO. 36572306
ROAD NO. 628200
DATE 6/21/20



SHEET NO.
C10

Exhibit F



DRAINAGE STRUCTURES

DRAINAGE STRUCTURES

AD1
 N= 933780.21
 E= 424201.01
 AREA INLET 24 IN. DIAM.
 (FOR DETAILS SEE SHT DD1)
 GRATE= 57.00
 IE 6" IN (SW)= 53.50
 IE 12" OUT (NW)= 52.91

MH1
 N= 933670.39
 E= 424261.72
 MANHOLE 60 IN. DIAM.
 (FOR DETAILS SEE ODOT STD DWG NO. RD335)
 RIM= 63.13
 IE 12" IN (S)= 56.97
 IE 12" IN (SE)= 56.97
 IE 12" OUT (NW)= 56.97

AD2
 N= 933503.56
 E= 424314.60
 AREA INLET 24 IN. DIAM.
 (FOR DETAILS SEE SHT DD1)
 GRATE= 60.00
 IE 12" OUT (N)= 58.00

MH2
 N= 933678.50
 E= 424107.44
 MANHOLE 48 IN. DIAM.
 (FOR DETAILS SEE ODOT STD DWG NO. RD335)
 RIM= 60.43
 IE 12" IN (S)= 52.45
 IE 12" OUT (NE)= 52.45

BP1
 N= 933609.16
 E= 424104.01
 BIPOD (4'X6')
 (FOR DETAILS SEE SHT DD1)
 GRATE= 57.71
 IE 12" IN (SE)= 53.13
 IE 12" OUT (N)= 52.80

MH3
 N= 933804.31
 E= 424164.20
 FLOW CONTROL MANHOLE
 (FOR DETAILS SEE SHT. DD2)
 RIM= 60.67
 IE 12" IN (SE)= 51.76
 IE 12" IN (SW)= 51.76
 IE 12" OUT (NE)= 51.76

CB1
 N= 933569.09
 E= 424121.03
 G-2 INLET
 (FOR DETAILS SEE ODOT
 STD DWG NO. RD364)
 GRATE= 56.68
 IE 12" OUT (NW)= 53.13

MH4
 N= 933845.20
 E= 424186.23
 MANHOLE 48 IN. DIAM.
 (FOR DETAILS SEE ODOT STD DWG NO. RD335)
 RIM= 58.00
 IE 12" IN (SW)= 51.54
 IE 12" OUT (N)= 48.00

CB2
 N= 933622.17
 E= 424369.41
 G-2 INLET
 (FOR DETAILS SEE ODOT
 STD DWG NO. RD364)
 GRATE= 60.66
 IE 12" OUT (NW)= 58.69

MH5
 N= 933901.95
 E= 424165.69
 FLOW CONTROL MANHOLE
 (FOR DETAILS SEE SHT SWF7)
 RIM= 55.45
 IE 12" IN (S)= 48.00
 IE 12" OUT (N)= 48.00

CB3
 N= 933787.13
 E= 424320.28
 G-2 INLET
 (FOR DETAILS SEE ODOT
 STD DWG NO. RD364)
 GRATE= 61.66
 IE 12" OUT (W)= 59.66

MH6
 N= 933947.96
 E= 424160.64
 MANHOLE 48 IN. DIAM.
 (FOR DETAILS SEE ODOT STD DWG NO. RD335)
 RIM= 54.41
 IE 12" IN (S)= 46.50
 IE 12" OUT (N)= 46.50

CB4
 N= 933791.57
 E= 424230.12
 G-2 INLET
 (FOR DETAILS SEE ODOT
 STD DWG NO. RD364)
 GRATE= 64.26
 IE 12" IN (N)= 56.34
 IE 12" IN (E)= 56.34
 IE 12" OUT (W)= 56.34

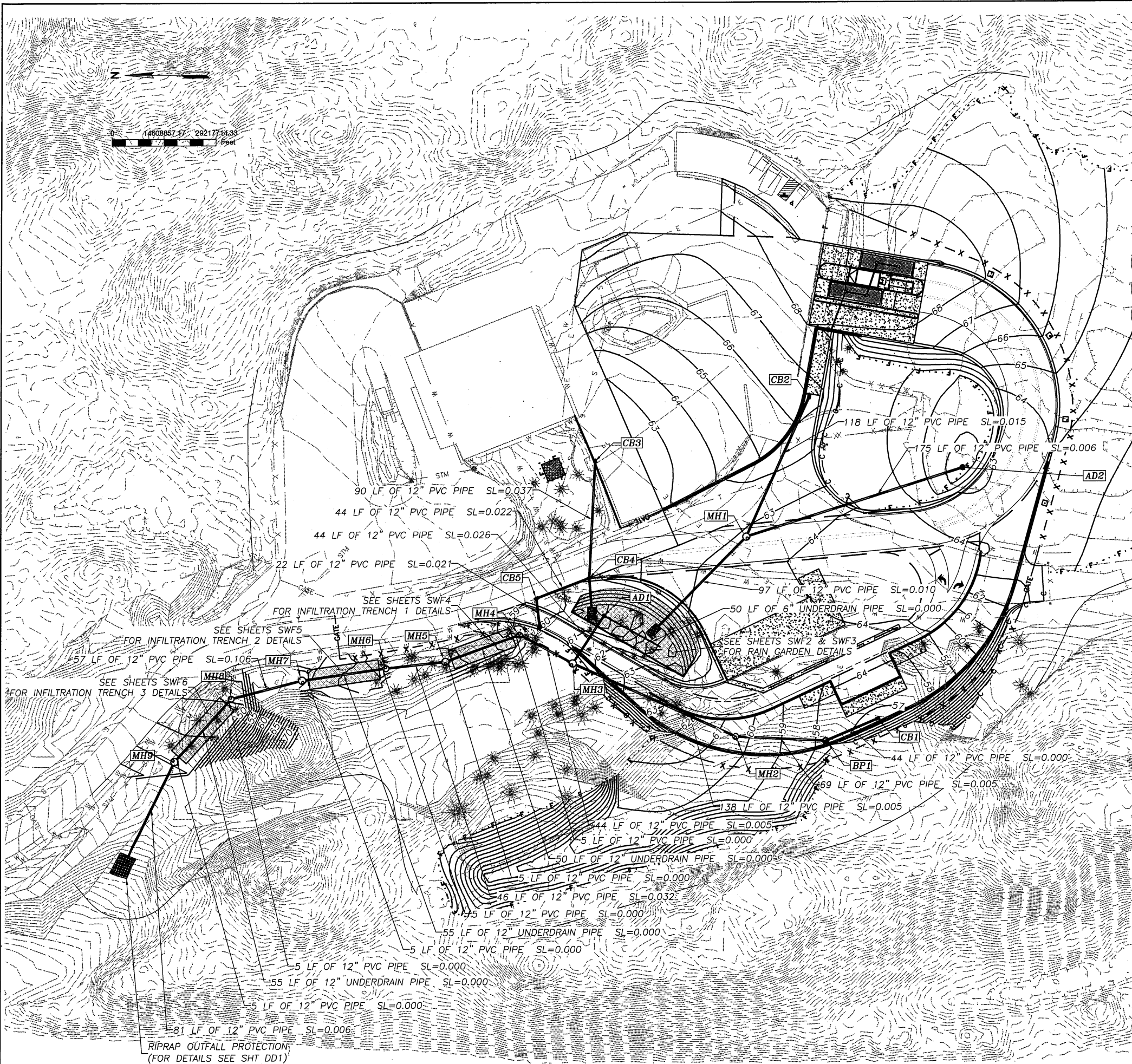
MH7
 N= 934012.66
 E= 424151.58
 FLOW CONTROL MANHOLE
 (FOR DETAILS SEE SHT SWF7)
 RIM= 53.57
 IE 12" IN (S)= 46.50
 IE 12" OUT (N)= 46.50

CB5
 N= 933832.29
 E= 424214.42
 G-2 INLET
 (FOR DETAILS SEE ODOT
 STD DWG NO. RD364)
 RIM= 59.29
 IE 12" IN (W)= 57.29
 IE 12" OUT (S)= 57.29

MH8
 N= 934067.41
 E= 424137.54
 MANHOLE 48 IN. DIAM.
 (FOR DETAILS SEE ODOT STD DWG NO. RD335)
 RIM= 50.15
 IE 12" IN (S)= 40.50
 IE 12" OUT (NW)= 40.50

CB6
 N= 933829.73
 E= 424192.36
 G-2 INLET
 (FOR DETAILS SEE ODOT
 STD DWG NO. RD364)
 GRATE= 60.00
 IE 12" OUT (E)= 57.75

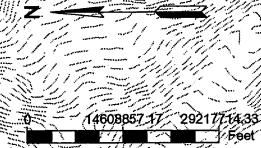
MH9
 N= 934110.84
 E= 424089.17
 FLOW CONTROL MANHOLE
 (FOR DETAILS SEE SHT SWF8)
 RIM= 48.14
 IE 12" IN (SE)= 40.50
 IE 12" OUT (NW)= 40.50



**LANE COUNTY
 DEPARTMENT OF PUBLIC WORKS
 ENGINEERING DIVISION**
 DANIEL M. HURLEY, P.E.
 PEGGY A. KEPPLER, P.E., P.L.S.
 COUNTY ENGINEER
 PUBLIC WORKS DIRECTOR

| DATE | REVISION | APPROD |
|---------|----------------------------|--------|
| 5/26/20 | REVISED BIO-POD DIMENSIONS | |

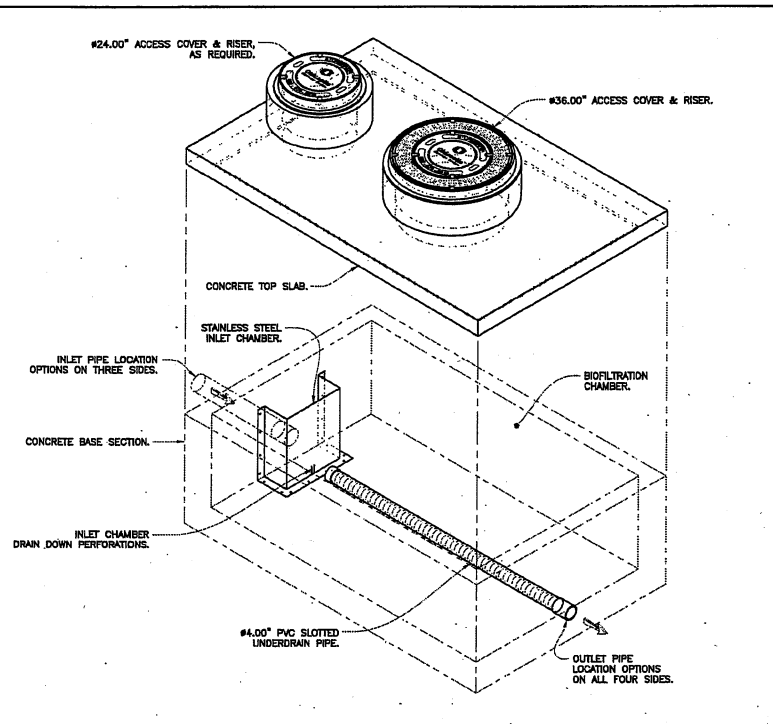
**FLORENCE TRANSFER STATION
 EXPANSION
 DRAINAGE PLAN**
 ROAD NO. 528200
 PROJECT NO. 3657206
 DATE 8/6/20
 SHEET NO. DP1



RIPRAP OUTFALL PROTECTION
 (FOR DETAILS SEE SHT DD1)

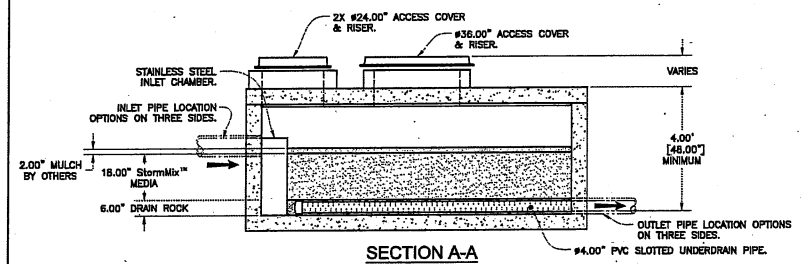
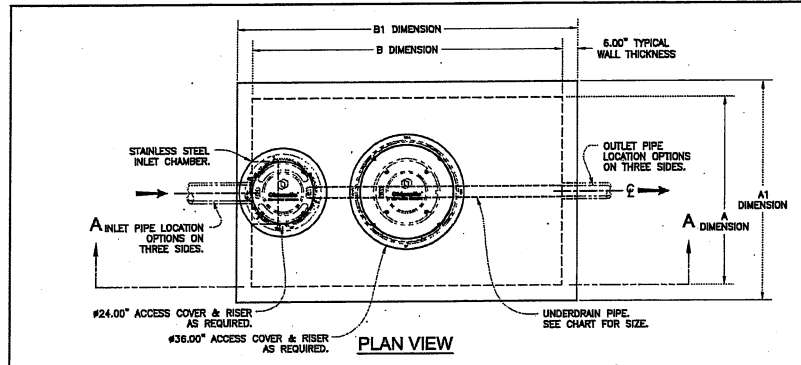


LANE COUNTY
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COUNTY ENGINEER



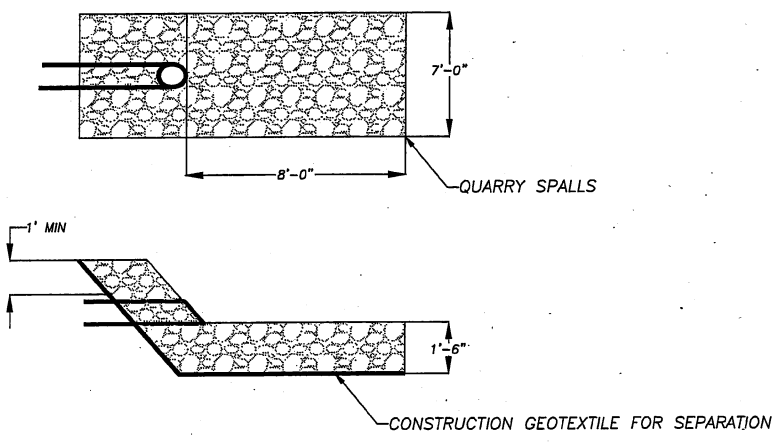
ISOMETRIC VIEW
FILTER MEDIA & DRAIN ROCK NOT SHOWN FOR CLARITY.
SCALE: 1X

- NOTES:
1. SEPARATE BYPASS STRUCTURE IS REQUIRED IF PEAK FLOW RATE EXCEEDS TREATMENT CAPACITY.
 2. CONTACT OLDCASTLE STORMWATER FOR ENGINEERING ASSISTANCE AND DETAIL DRAWINGS.
 3. CONCRETE COMPONENTS SHALL BE MANUFACTURED IN ACCORDANCE WITH ASTM C890 & C913.

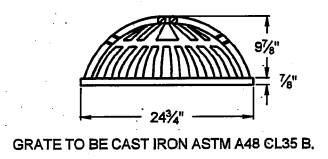
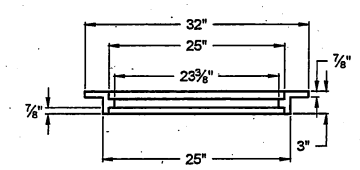


| MODEL | POD SIZE (D) | | FOOTPRINT (OD) | | TREATMENT FLOW CAPACITY ² (GPM/CFS) | TREATMENT FLOW CAPACITY ³ (GPM/CFS) |
|---------|--------------|-------|----------------|--------|--|--|
| | A DIM | B DIM | A1 DIM | B1 DIM | | |
| BPU-44 | 4' | 4' | 5' | 5' | 25.6 / 0.057 | 28.8 / 0.064 |
| BPU-46 | 4' | 6' | 5' | 7' | 38.4 / 0.860 | 43.2 / 0.096 |
| BPU-48 | 4.5' | 8.5' | 5.5' | 9.5' | 61.2 / 0.136 | 68.9 / 0.153 |
| BPU-412 | 4' | 12' | 5' | 13' | 76.8 / 0.171 | 86.4 / 0.193 |
| BPU-66 | 6' | 6' | 7' | 7' | 57.6 / 0.128 | 64.8 / 0.144 |
| BPU-68 | 6' | 8' | 7' | 9' | 76.8 / 0.171 | 86.4 / 0.193 |
| BPU-612 | 6' | 12' | 7' | 13' | 115.2 / 0.257 | 129.6 / 0.289 |
| BPU-816 | 8' | 16' | 9' | 17' | 204.8 / 0.456 | 230.4 / 0.513 |

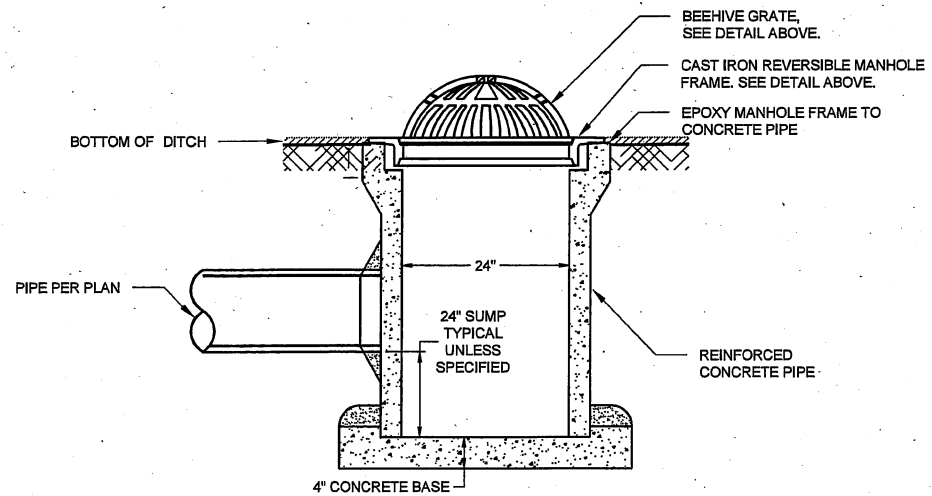
¹ All Dimensions Are Nominal
² Based on an WA Ecology GUILD Approval for Basic, Nitrogen & Phosphorus. At 1.60 gpm/sf Media Surface Area.
³ Based on an NJCAT Verification & NJ DEP Certification. At 1.60 gpm/sf Media Surface Area.



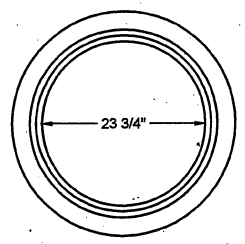
RIPRAP OUTFALL PROTECTION
(N.T.S.)



GRATE TO BE CAST IRON ASTM A48 CL35 B.



AREA INLET
NTS



| DATE | REVISION | APPROVED |
|------|----------|----------|
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FLORENCE TRANSFER STATION
EXPANSION
DRAINAGE DETAILS
DETAILS

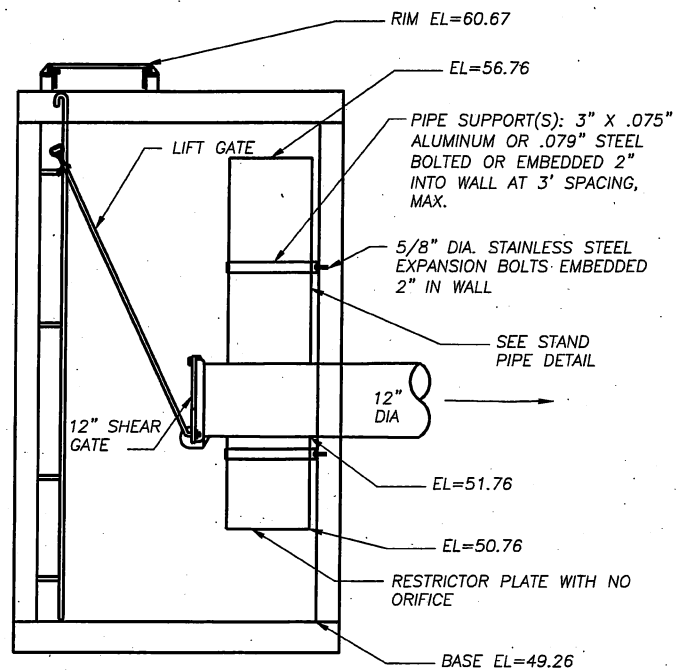
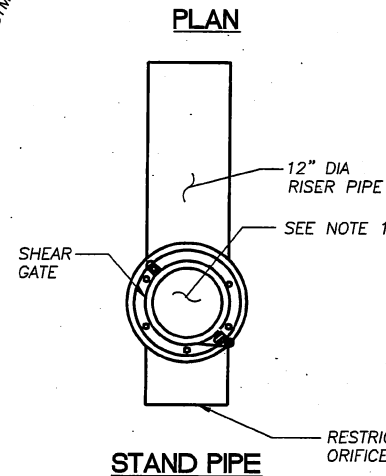
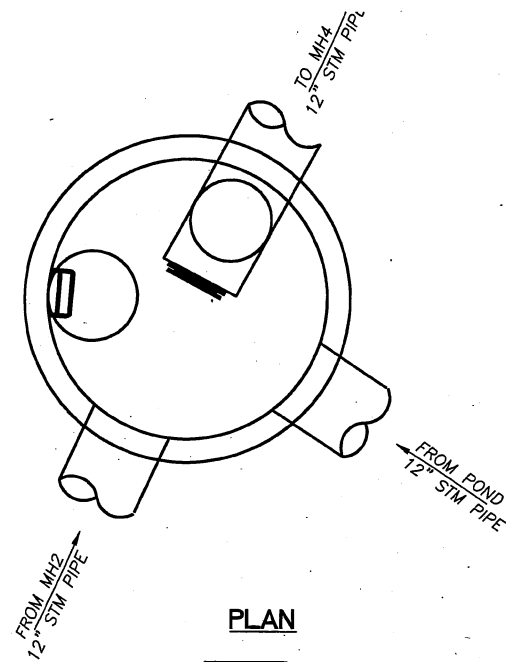
PROJECT NO. 38572306
ROAD NO. 628200
DATE 5/21/20



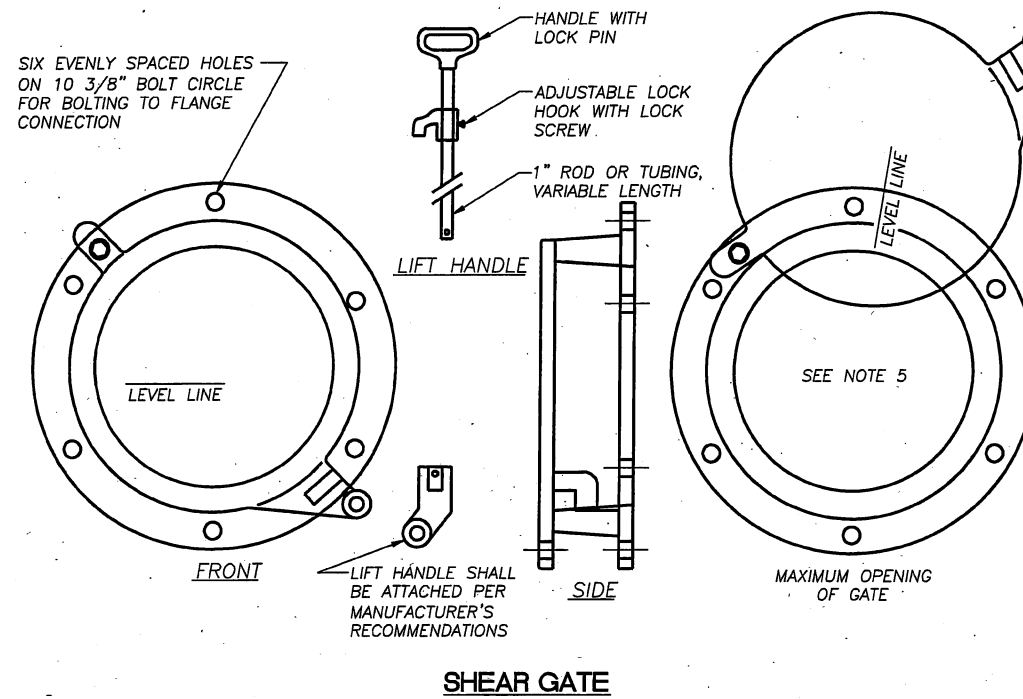
SHEET NO.
DD1



LANE COUNTY
DEPARTMENT OF PUBLIC WORKS
ENGINEERING DIVISION
DANIEL W. HURLEY, P.E.
PUBLIC WORKS DIRECTOR
PEGGY A. KEPPLER, P.E., P.L.S.
COUNTY ENGINEER



NOTES:
1. UPON COMPLETE INSTALLATION OF FLOW CONTROL MANHOLE, SHEAR GATE SHALL BE LEFT IN A FULLY OPEN POSITION.
2. SEE ODOT STD DRG NO. RD335



- SHEAR GATE NOTES:**
- SHEAR GATE SHALL BE ALUMINUM ALLOY PER ASTM B-26-ZG-32₀ OR CAST IRON ASTM A48 CLASS 30B AS REQUIRED.
 - GATE SHALL BE 8" DIAM. UNLESS OTHERWISE SPECIFIED.
 - GATE SHALL BE JOINED TO TEE SECTION BY BOLTING (THROUGH FLANGE), WELDING, OR OTHER SECURE MEANS.
 - LIFT ROD: AS SPECIFIED BY MFR. WITH HANDLE EXTENDING TO WITHIN ONE FOOT OF COVER AND ADJUSTABLE HOOK LOCK FASTENED TO FRAME OR UPPER HANDHOLD. IF ATTACHED TO STEPS, MAKE SURE IT DOES NOT CREATE A TRIP HAZARD OR REDUCE ENTRY SPACE. MUST BE OPERATIONAL WITHOUT ENTERING MANHOLE.
 - GATE SHALL NOT OPEN BEYOND THE CLEAR OPENING BY LIMITED HINGE MOVEMENT, STOP TAB, OR SOME OTHER DEVICE.
 - NEOPRENE RUBBER GASKET REQUIRED BETWEEN RISER MOUNTING FLANGE AND GATE FLANGE.
 - MATING SURFACES OF LID AND BODY TO BE MACHINED FOR PROPER FIT.
 - FLANGE MOUNTING BOLTS SHALL BE 3/8" DIAM. STAINLESS STEEL.
 - ALTERNATE CLEANOUT/SHEAR GATES TO THE DESIGN SHOWN ARE ACCEPTABLE, PROVIDED THEY MEET THE MATERIAL SPECIFICATIONS ABOVE AND HAVE A SIX BOLTS, 10-3/8" BOLT CIRCLE FOR BOLTING TO THE FLANGE CONNECTION.
- FLOW CONTROL DEVICE NOTES:**
- EXCEPT AS SHOWN OR NOTED, UNITS SHALL BE CONSTRUCTED IN ACCORDANCE WITH THE REQUIREMENTS FOR ODOT CONC. MANHOLE, 60" MIN. DIA.
 - FOR DETAILS SHOWING GRADE RING, LADDER, STEPS, HANDHOLDS, AND TOP SLABS; SEE STD. DETAIL D1.5.
 - THE RESTRICTOR/SEPARATOR AND PIPE SUPPORTS SHALL BE OF THE SAME MATERIAL AND SHALL BE FABRICATED FROM 0.060" ALUMINUM OR 0.064" ALUMINIZED STEEL OR 0.064" GALVANIZED STEEL PIPE IN ACCORDANCE WITH AASHTO M 36, M 196, M 197 AND M 274. GALVANIZED STEEL SHALL HAVE TREATMENT 1.
 - OUTLET SHALL BE CONNECTED TO CULVERT OR SEWER PIPE WITH A STANDARD COUPLING BAND FOR CORRUGATED METAL PIPE OR GROUTED INTO THE BELL OF CONCRETE PIPE.
 - THE VERTICAL RISER STEM OF THE RESTRICTOR/SEPARATOR SHALL BE THE SAME DIAMETER AS THE HORIZONTAL OUTLET PIPE WITH AN 8" MIN. SIZE.
 - FRAME AND LADDER, OR STEPS TO BE OFFSET SO THAT:
 - CLEANOUT GATE IS VISIBLE FROM TOP.
 - CLIMB-DOWN SPACE IS CLEAR OF RISER AND CLEANOUT GATE.
 - FRAME IS CLEAR OF CURB (IF ANY EXISTS).
 - MULTI-ORIFICE ELBOWS MAY BE LOCATED AS SHOWN OR ALL ON ONE SIDE OF RISER TO ASSURE LADDER CLEARANCE. SIZE OF ELBOWS TO BE DETERMINED BY ENGINEER.
 - RESTRICTOR PLATE WITH ORIFICE AS SPECIFIED IN THE PLANS. SPECIFIED OPENING TO BE CUT ROUND AND SMOOTH EDGED.

MH3 FLOW CONTROL MANHOLE
N.T.S.

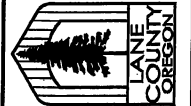
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**FLORENCE TRANSFER STATION
EXPANSION
DRAINAGE DETAILS
MH3 DETAILS**

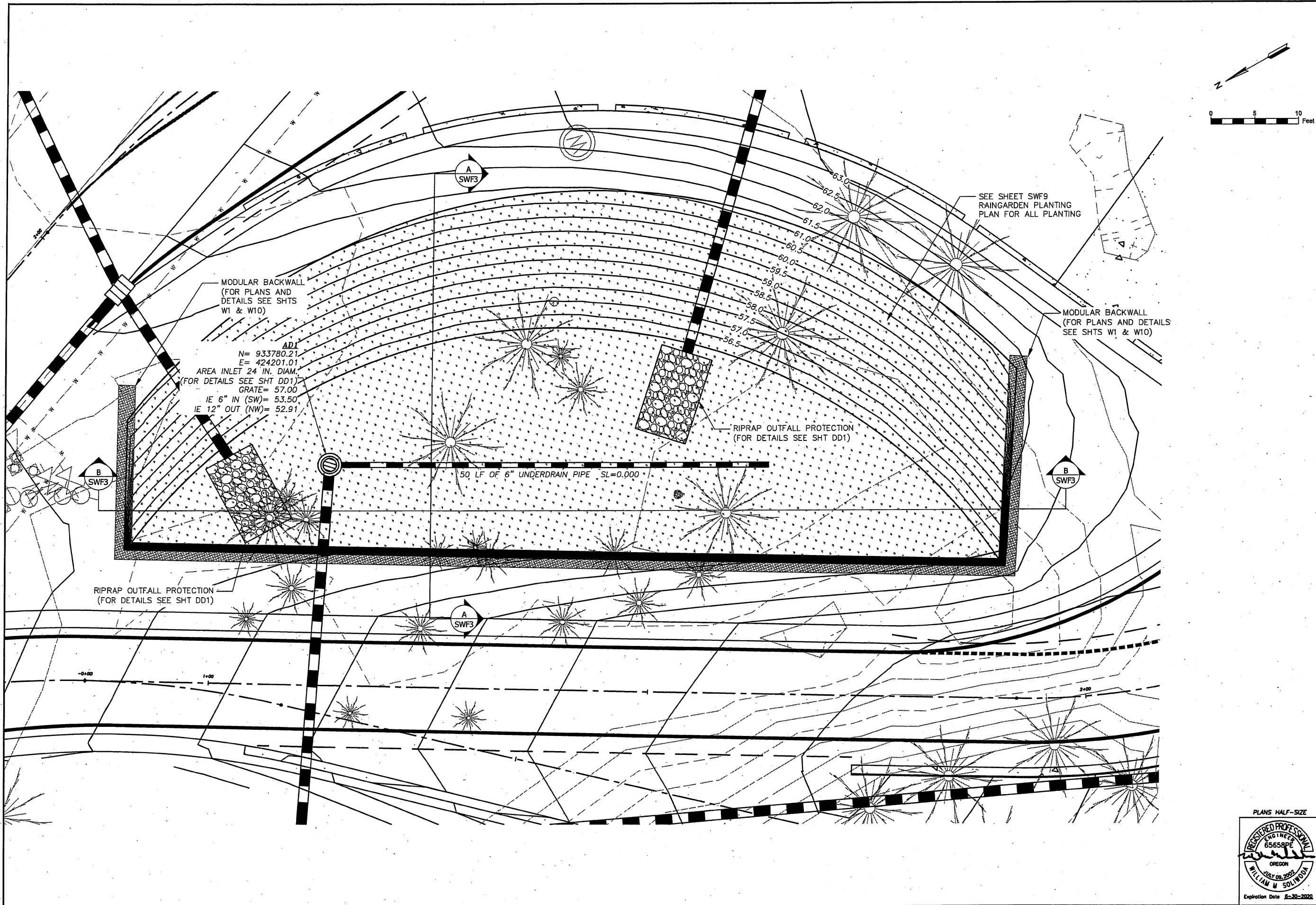
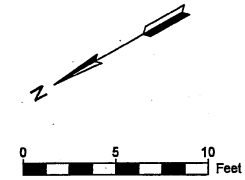
PROJECT NO. 36572316
ROAD NO. 528200
DATE 5/21/20



SHEET NO.
DD2



LANE COUNTY
DEPARTMENT OF PUBLIC WORKS
ENGINEERING DIVISION
DANIEL M. HURLEY, P.E.
PUBLIC WORKS DIRECTOR
PEGGY A. KEPPLER, P.E., P.L.S.
COUNTY ENGINEER



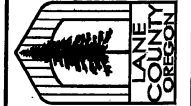
| DATE | REVISION | APPROD |
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FLORENCE TRANSFER STATION
EXPANSION
RAIN GARDEN PLAN

PROJECT NO. 38572306
ROAD NO. 628200
DATE 5/21/20



SHEET NO.
SWF1



LANE COUNTY
DEPARTMENT OF PUBLIC WORKS
ENGINEERING DIVISION

DANIEL M. HURLEY, P.E.
 PUBLIC WORKS DIRECTOR

PEGGY A. KEPPLER, PE, PLS.
 COUNTY ENGINEER

| DATE | REVISION | APPROD |
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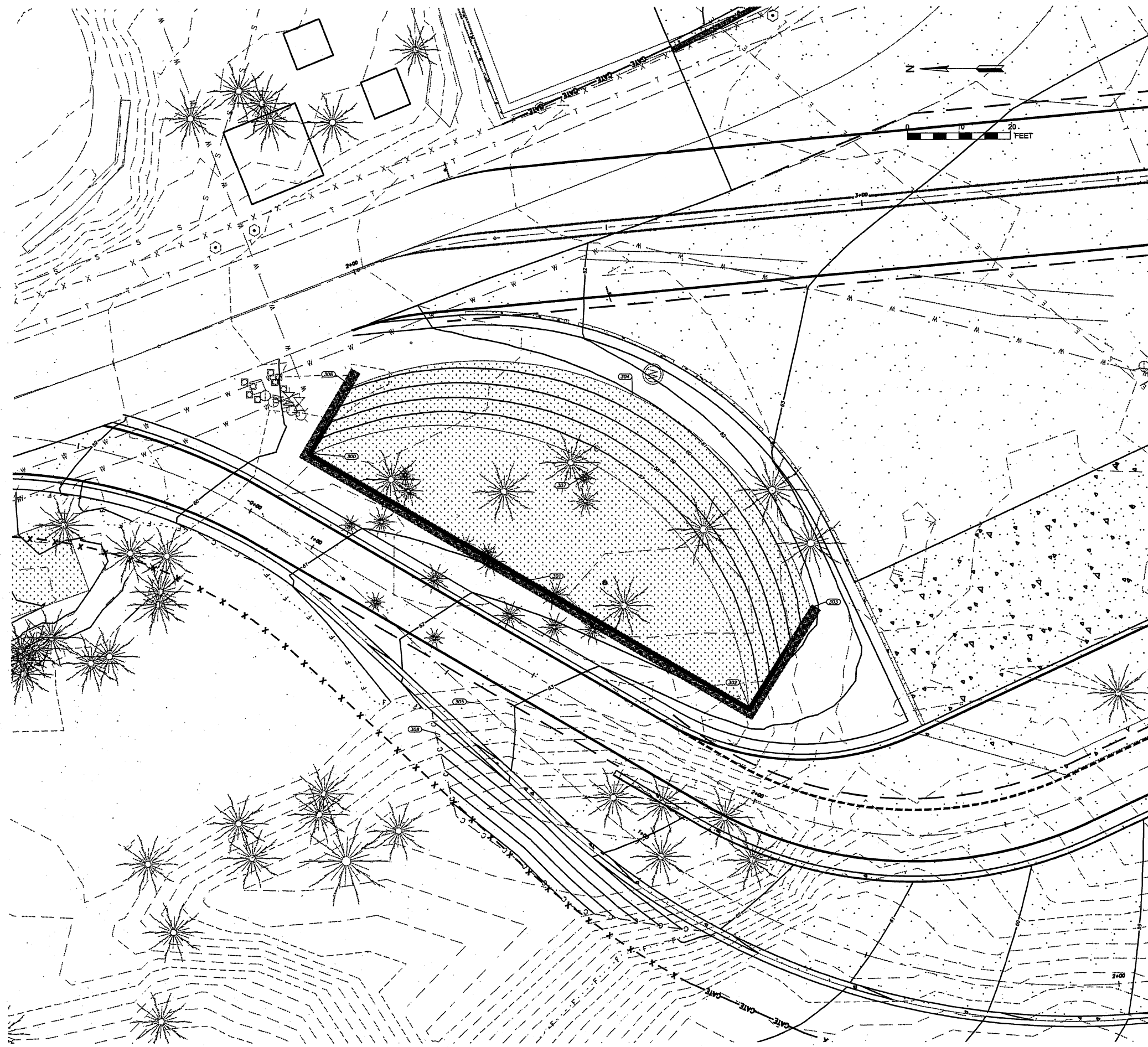
FLORENCE TRANSFER STATION
EXPANSION
RAIN GARDEN GRADING PLAN

PROJECT NO. 36572306
 ROAD NO. 628270
 DATE 5/22/20

SHEET NO.
SWF2

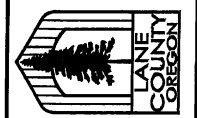
Point Table

| Point # | Elevation | Northing | Easting | Description |
|---------|-----------|-----------|-----------|-------------|
| 300 | 56.00 | 933804.25 | 424204.16 | GB, PI/PC |
| 301 | 56.00 | 933761.56 | 424178.32 | GB, MD |
| 302 | 56.00 | 933718.87 | 424154.48 | GB, PI/PT |
| 303 | 0.00 | 933706.84 | 424173.67 | GB, PI/PC |
| 304 | 0.00 | 933742.10 | 424215.45 | GB, MD |
| 305 | 0.00 | 933771.34 | 424155.17 | RP, 87 |
| 306 | 0.00 | 933796.67 | 424217.19 | GB, PI/PT |
| 307 | 56.00 | 933748.70 | 424201.41 | GB, MD |
| 308 | 56.00 | 933779.13 | 424149.12 | RP, 60.5' |

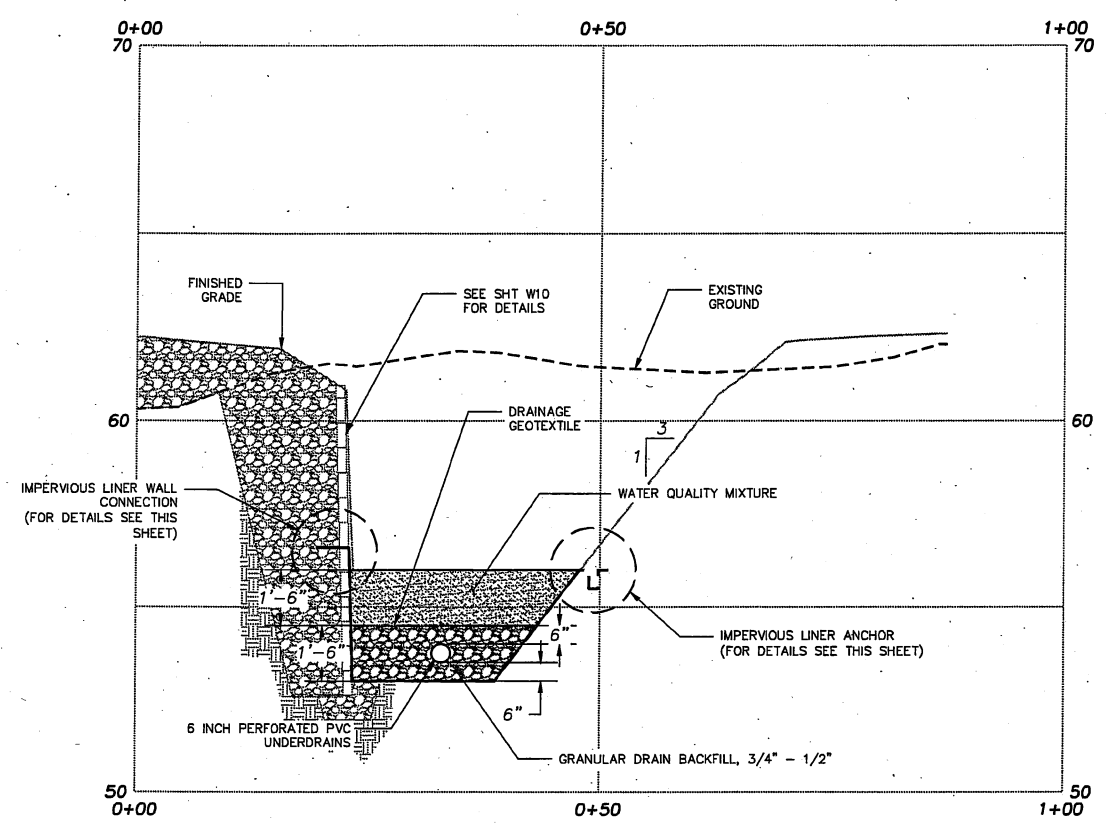


PLANS HALF-SIZE

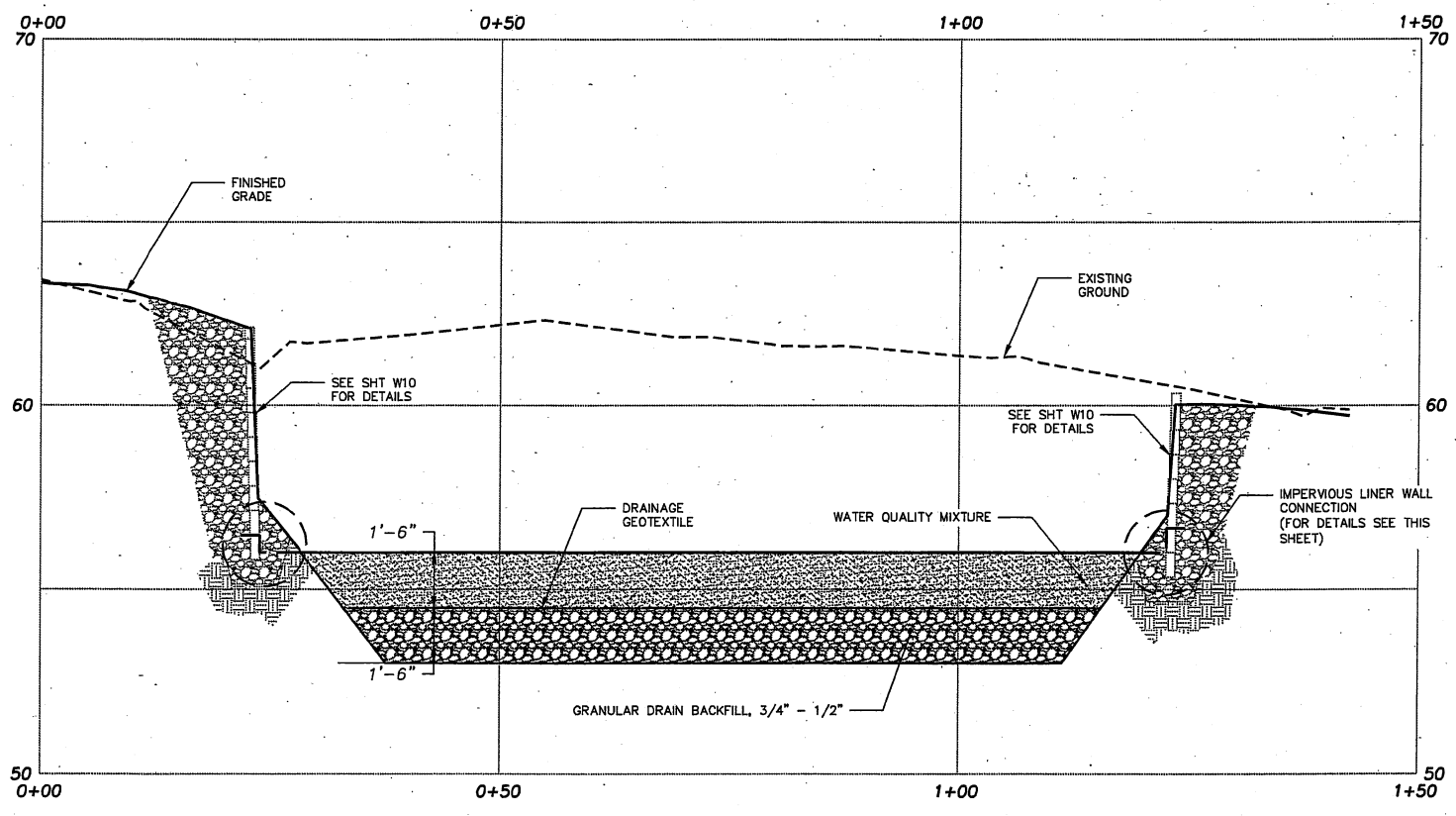
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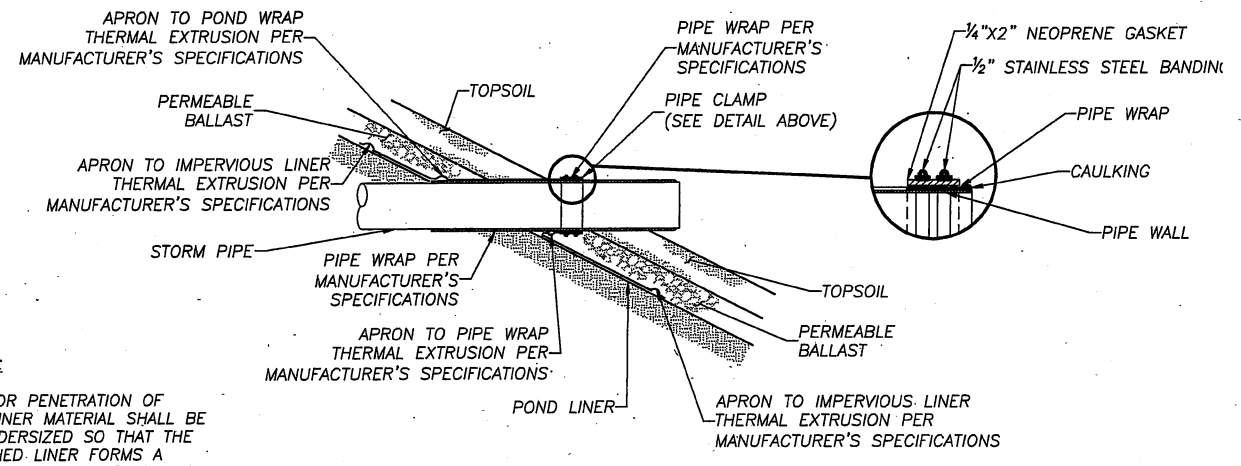
LANE COUNTY
 DEPARTMENT OF PUBLIC WORKS
 ENGINEERING DIVISION
 DANIEL M. HURBLEY, P.E.
 PUBLIC WORKS DIRECTOR
 PEGGY A. KEPPLER, PE, PLS.
 COUNTY ENGINEER



A NORTH RAIN GARDEN SECTION
 SWF3



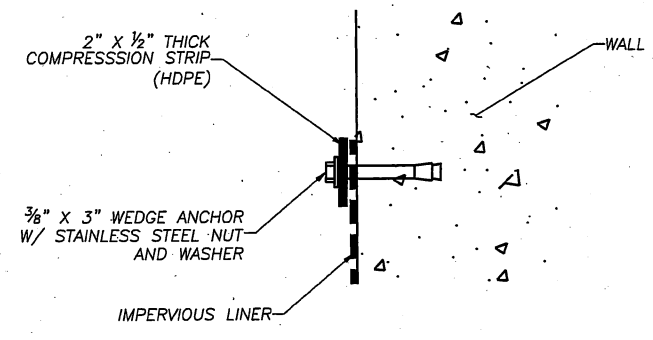
B NORTH RAIN GARDEN SECTION
 SWF3



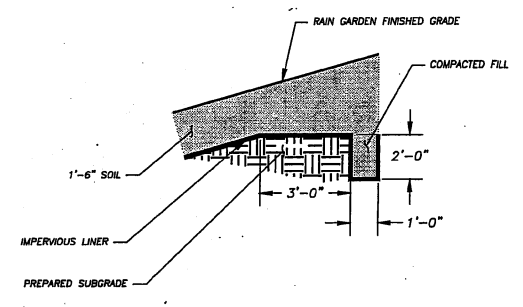
NOTES:

- HOLE FOR PENETRATION OF POND LINER MATERIAL SHALL BE CUT UNDERSIZED SO THAT THE STRETCHED LINER FORMS A MINIMUM 3 IN. FLANGE AROUND THE PIPE.
- NO PIPE JOINT SHALL BE ALLOWED WITHIN 5 FT. OF THE LINER.

PIPE PENETRATION
 (N.T.S.)



IMPERVIOUS LINER WALL CONNECTION
 (N.T.S.)

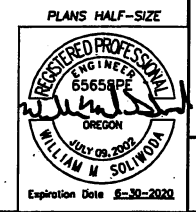


IMPERVIOUS LINER ANCHOR
 (N.T.S.)

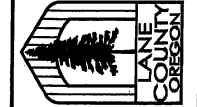
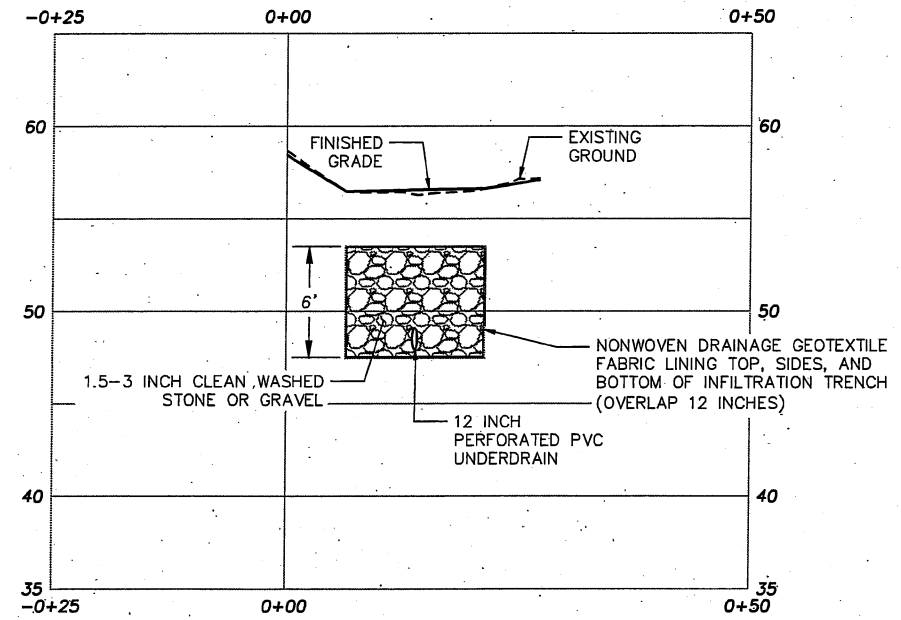
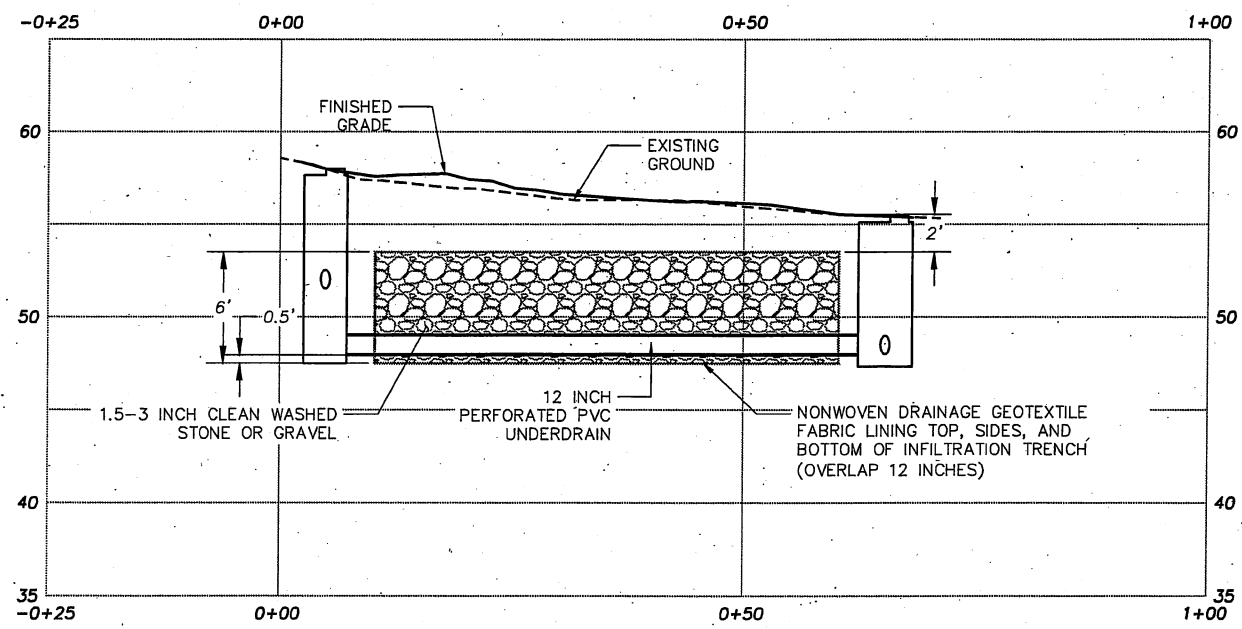
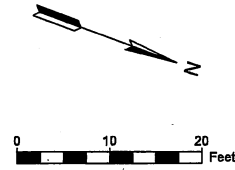
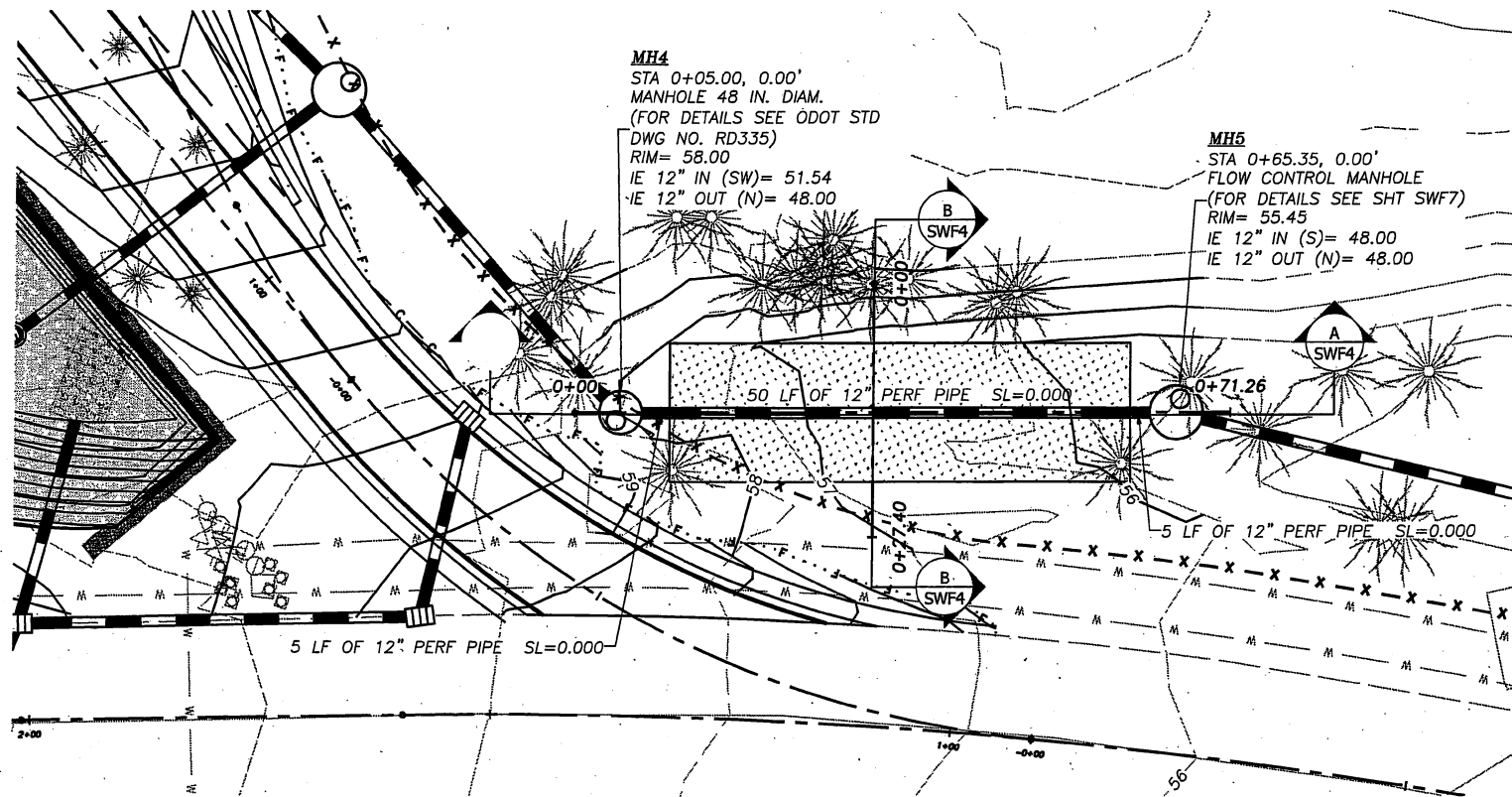
| DATE | REVISION | APPROVED |
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**FLORENCE TRANSFER STATION
 EXPANSION
 RAIN GARDEN CROSS SECTIONS**

PROJECT NO. 36572306
 ROAD NO. 628200
 DATE 5/21/20



SHEET NO.
SWF3



LANE COUNTY
 DEPARTMENT OF PUBLIC WORKS
 ENGINEERING DIVISION

DANIEL M. HURLEY, P.E.
 PUBLIC WORKS DIRECTOR

PEGGY A. KEPPLER, P.E., P.L.E.
 COUNTY ENGINEER

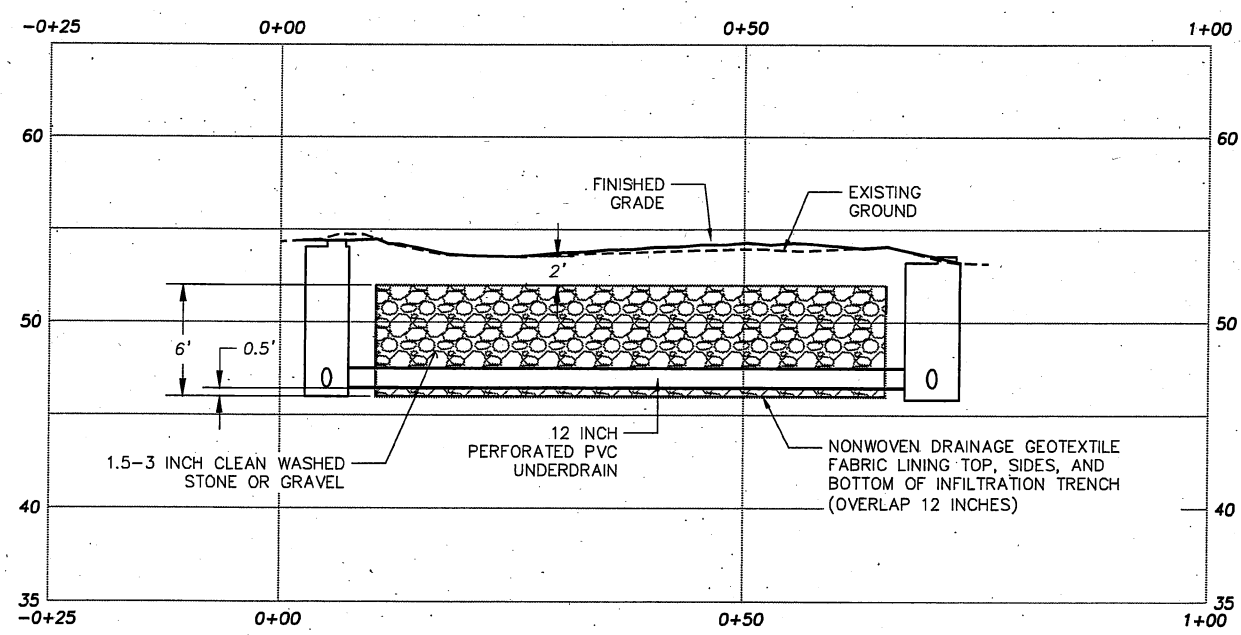
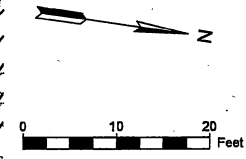
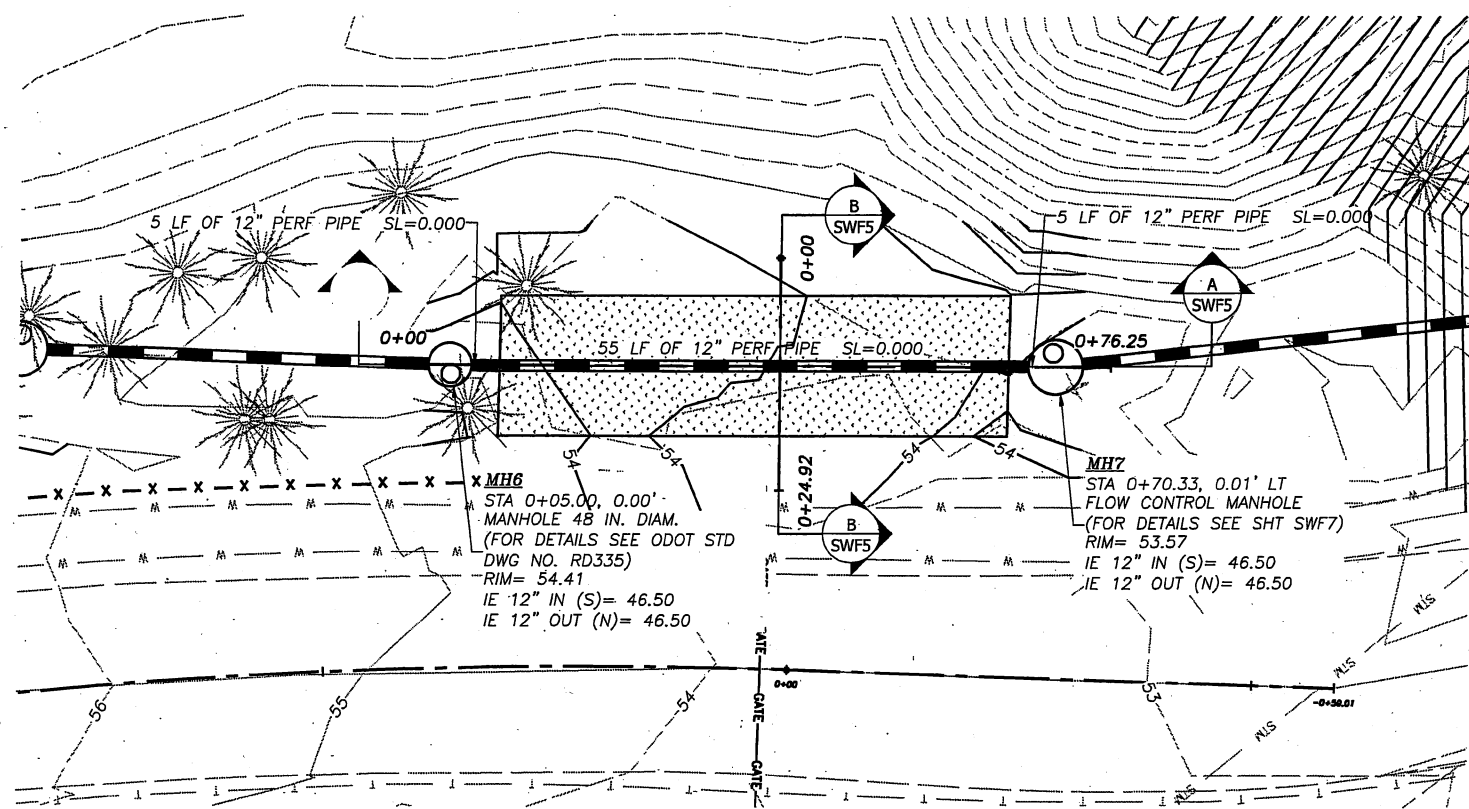
| DATE | REVISION |
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**FLORENCE TRANSFER STATION
 EXPANSION
 DETAILS - INFILTRATION TRENCH 1 GRADING**

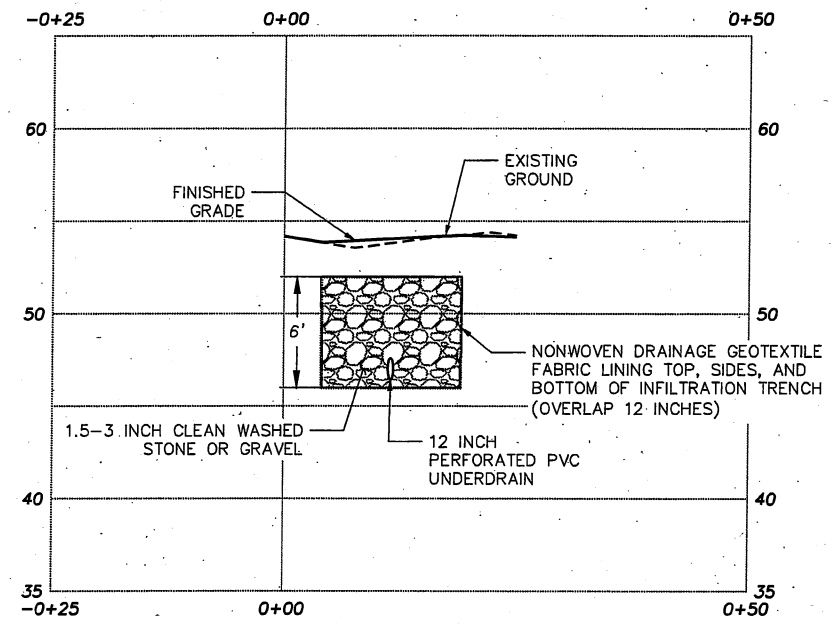
ROAD NO. 628200
 PROJECT NO. 36572308
 DATE 8/21/20

**SHEET NO.
 SWF4**

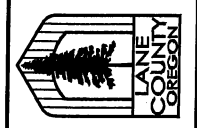




A INFILTRATION TRENCH 2
SWF5



B INFILTRATION TRENCH 2
SWF5



LANE COUNTY
DEPARTMENT OF PUBLIC WORKS
ENGINEERING DIVISION
DANIEL M. HURLEY, P.E.
PUBLIC WORKS DIRECTOR
PEGGY A. KEPPLER, PE, PLS.
COUNTY ENGINEER

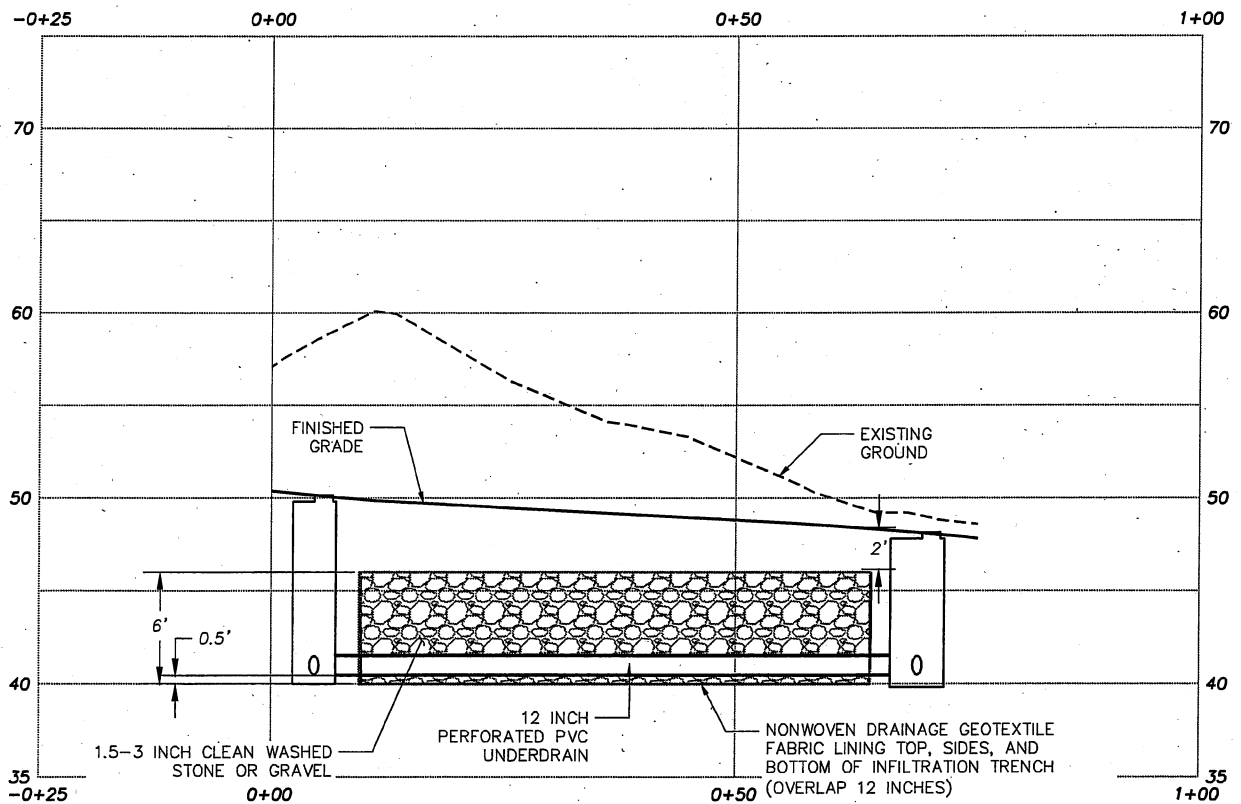
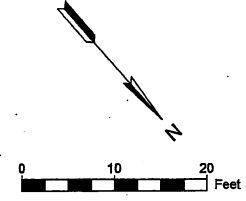
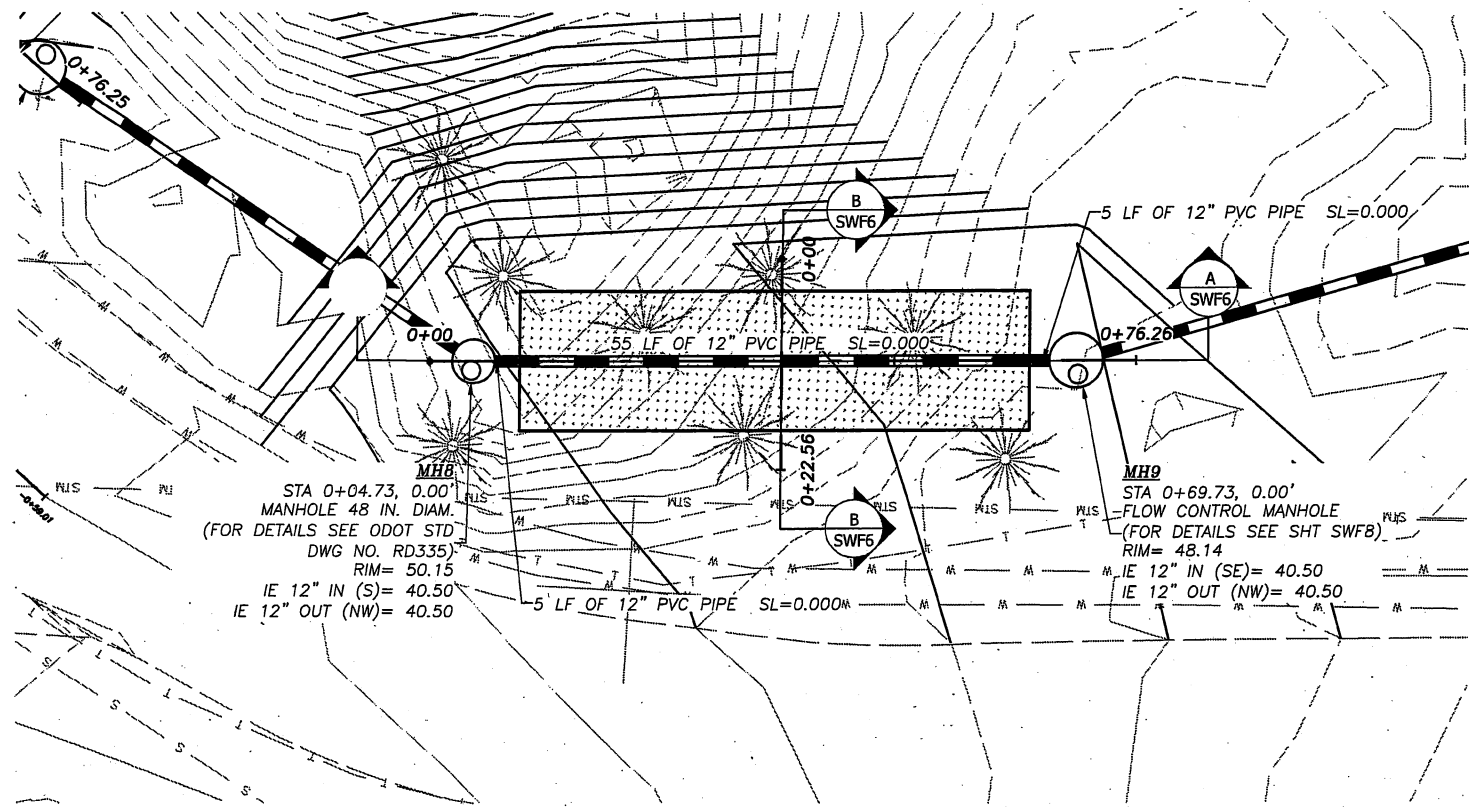
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**FLORENCE TRANSFER STATION
EXPANSION
DETAILS - INFILTRATION TRENCH 2 GRADING**

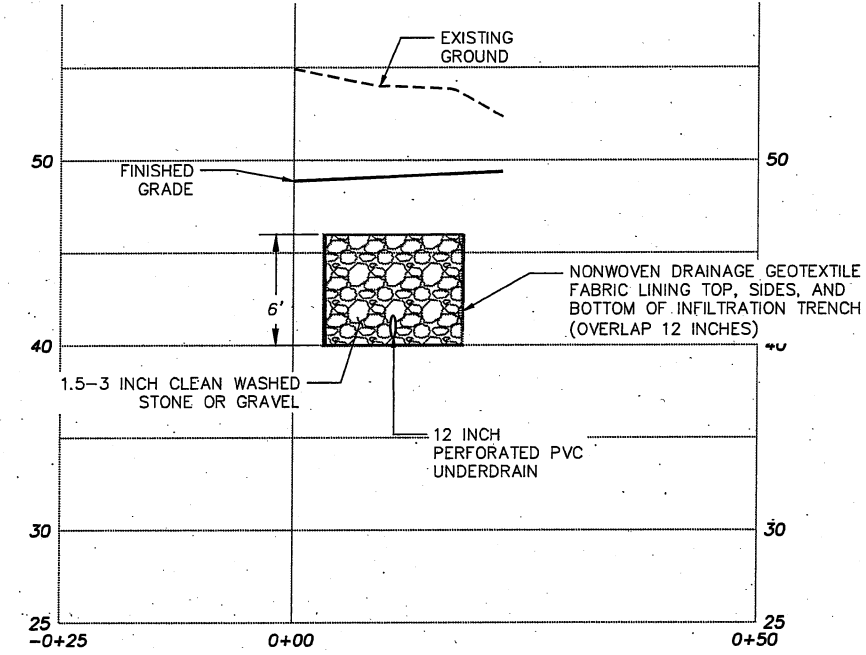
PROJECT NO. 36572306
ROAD NO. 528200
DATE 5/21/20



SHEET NO.
SWF5



A
SWF6 INFILTRATION TRENCH 3



B
SWF6 INFILTRATION TRENCH 3



LANE COUNTY
DEPARTMENT OF PUBLIC WORKS
ENGINEERING DIVISION

DANIEL M. HURLEY, P.E.
PUBLIC WORKS DIRECTOR

PEGGY A. KEPPLE, PE, PLS.
COUNTY ENGINEER

| DATE | REVISION | APPROD |
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FLORENCE TRANSFER STATION
EXPANSION
DETAILS - INFILTRATION TRENCH 3 GRADING

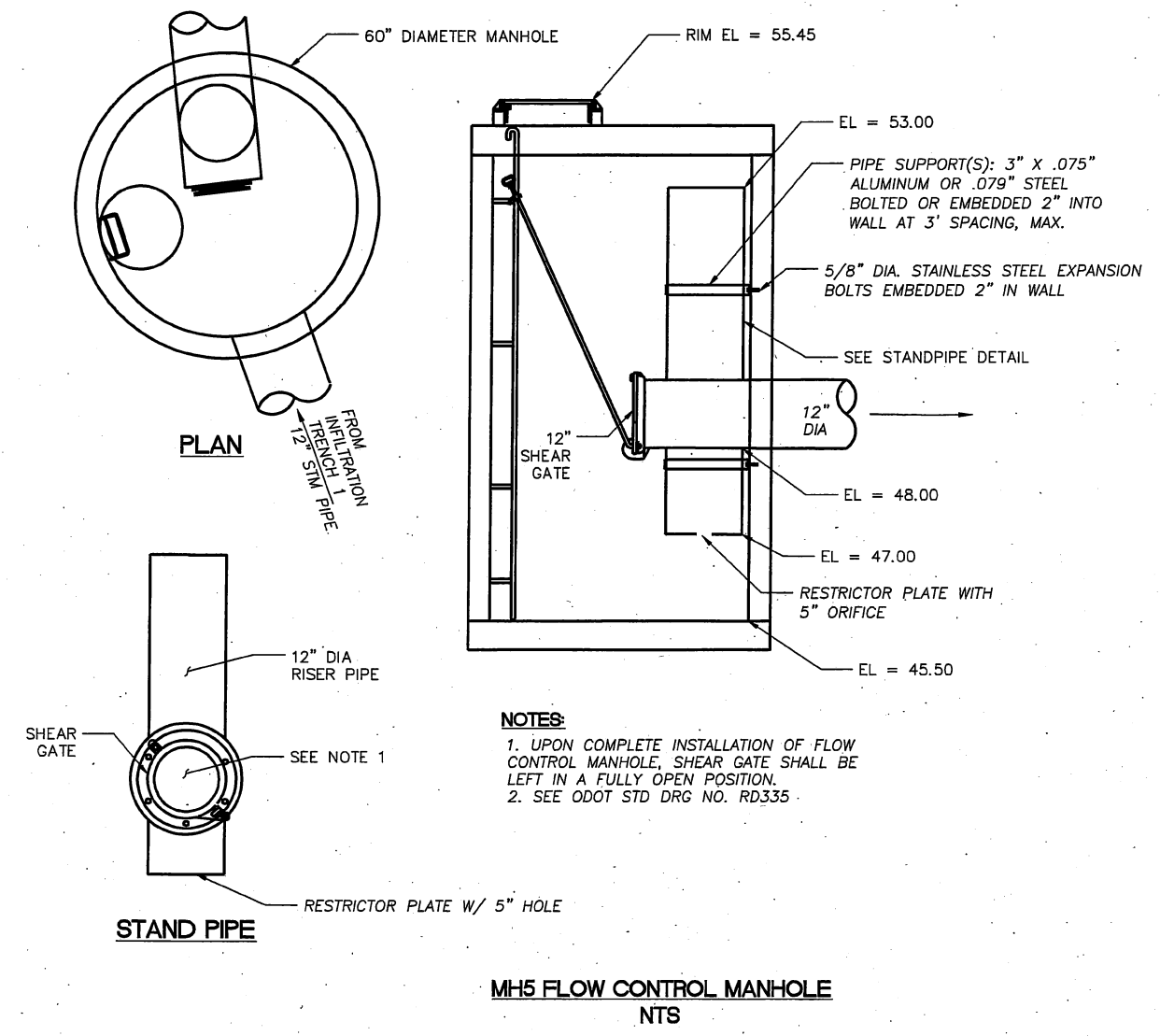
PROJECT NO. 36572306
ROAD NO. 628200
DATE 5/21/20



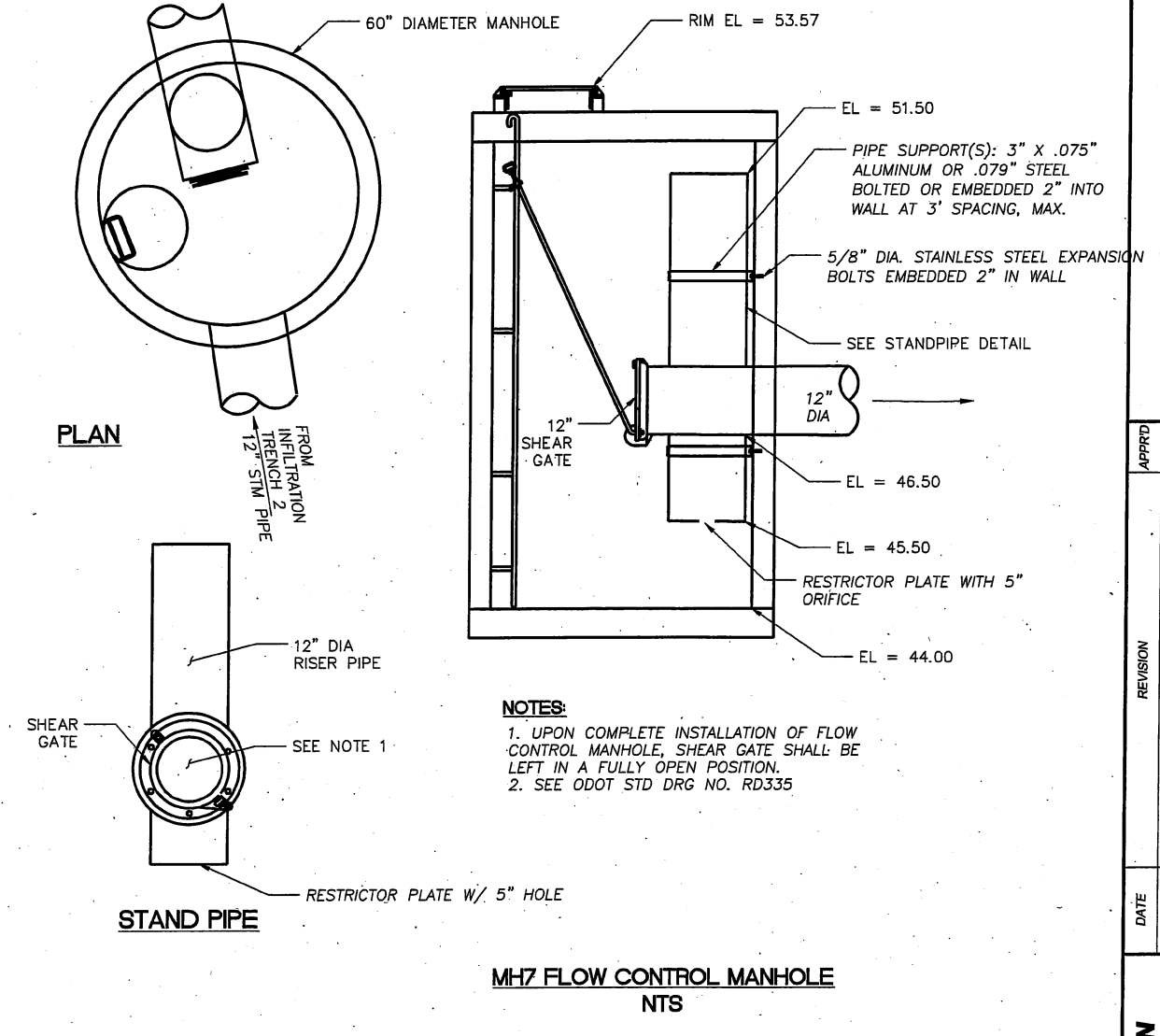
SHEET NO.
SWF6



LANE COUNTY
 DEPARTMENT OF PUBLIC WORKS
 ENGINEERING DIVISION
 DANIEL M. HURLEY, P.E.
 PUBLIC WORKS DIRECTOR
 PEGGY A. KEPPLER, P.E., P.L.S.
 COUNTY ENGINEER



MH5 FLOW CONTROL MANHOLE
 NTS



MH7 FLOW CONTROL MANHOLE
 NTS

| DATE | REVISION | APPROD |
|------|----------|--------|
| | | |
| | | |
| | | |

**FLORENCE TRANSFER STATION
 EXPANSION
 STORMWATER FACILITY
 FLOW CONTROL MANHOLE DETAILS**

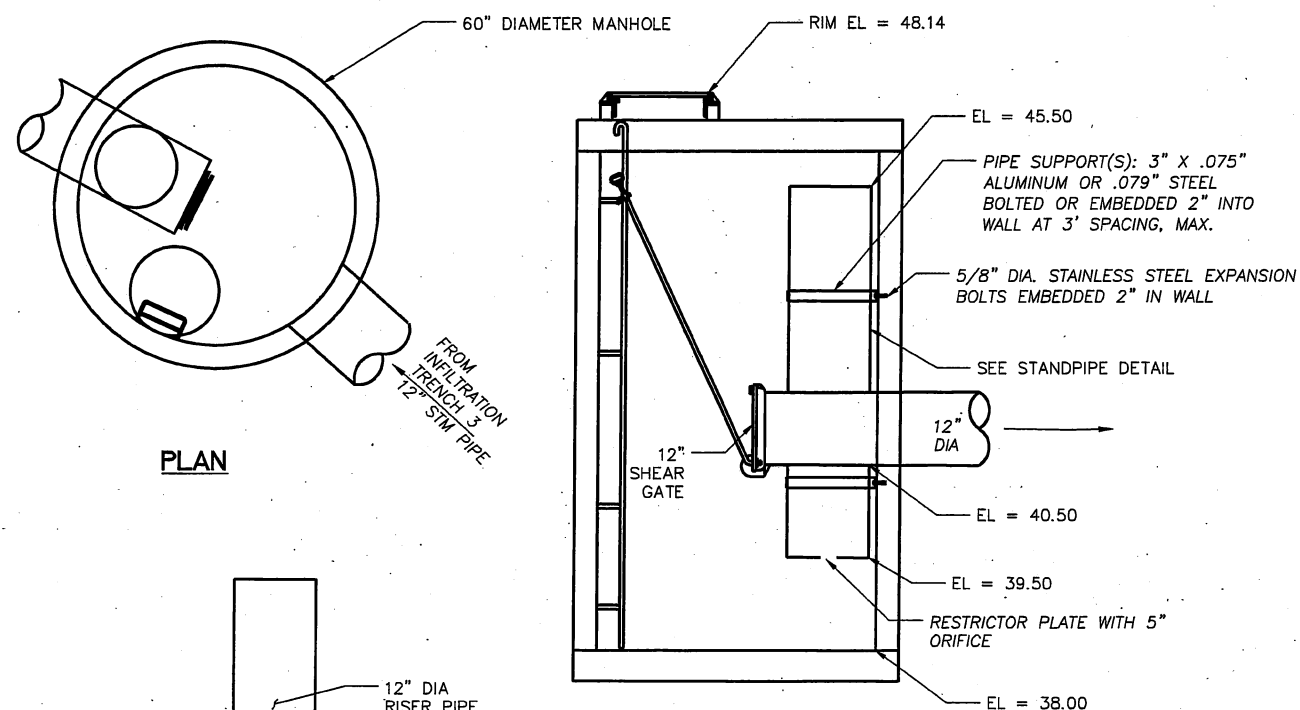
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 ROAD NO. 628200
 DATE 5/15/20



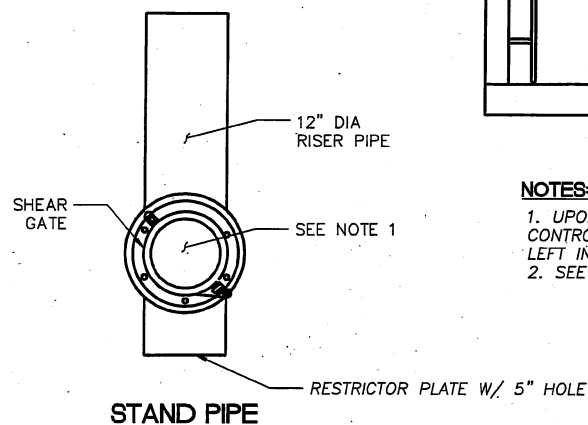
SHEET NO.
SWF7



LANE COUNTY
DEPARTMENT OF PUBLIC WORKS
ENGINEERING DIVISION
DANIEL M. HURLEY, P.E.
PUBLIC WORKS DIRECTOR
PEGGY A. KEPPLER, P.E., PLS.
COUNTY ENGINEER



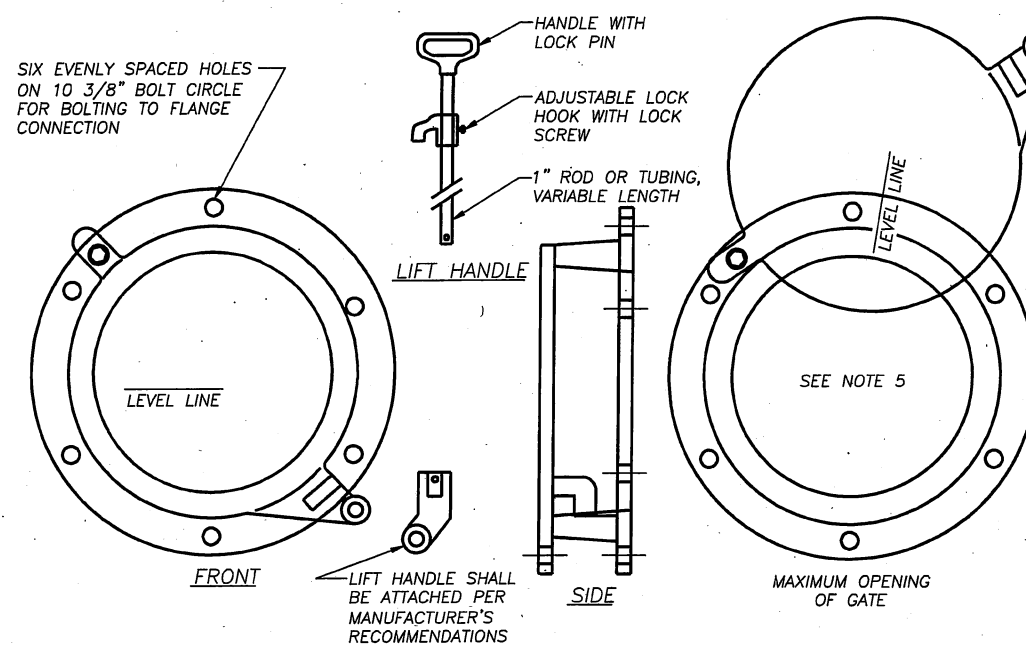
PLAN



STAND PIPE

- NOTES:**
- UPON COMPLETE INSTALLATION OF FLOW CONTROL MANHOLE, SHEAR GATE SHALL BE LEFT IN A FULLY OPEN POSITION.
 - SEE ODOT STD DRG NO. RD335

MH9 FLOW CONTROL MANHOLE
NTS



SHEAR GATE
NTS.

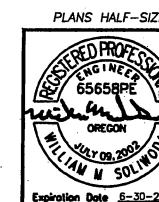
- SHEAR GATE NOTES:**
- SHEAR GATE SHALL BE ALUMINUM ALLOY PER ASTM B-26-ZG-32a OR CAST IRON ASTM A48 CLASS 30B AS REQUIRED.
 - GATE SHALL BE 8" DIAM. UNLESS OTHERWISE SPECIFIED.
 - GATE SHALL BE JOINED TO TEE SECTION BY BOLTING (THROUGH FLANGE), WELDING, OR OTHER SECURE MEANS.
 - LIFT ROD: AS SPECIFIED BY MFR. WITH HANDLE EXTENDING TO WITHIN ONE FOOT OF COVER AND ADJUSTABLE HOOK LOCK FASTENED TO FRAME OR UPPER HANDHOLD. IF ATTACHED TO STEPS, MAKE SURE IT DOES NOT CREATE A TRIP HAZARD OR REDUCE ENTRY SPACE. MUST BE OPERATIONAL WITHOUT ENTERING MANHOLE.
 - GATE SHALL NOT OPEN BEYOND THE CLEAR OPENING BY LIMITED HINGE MOVEMENT, STOP TAB, OR SOME OTHER DEVICE.
 - NEOPRENE RUBBER GASKET REQUIRED BETWEEN RISER MOUNTING FLANGE AND GATE FLANGE.
 - MATING SURFACES OF LID AND BODY TO BE MACHINED FOR PROPER FIT.
 - FLANGE MOUNTING BOLTS SHALL BE 3/8" DIAM. STAINLESS STEEL.
 - ALTERNATE CLEANOUT/SHEAR GATES TO THE DESIGN SHOWN ARE ACCEPTABLE, PROVIDED THEY MEET THE MATERIAL SPECIFICATIONS ABOVE AND HAVE A SIX BOLTS, 10-3/8" BOLT CIRCLE FOR BOLTING TO THE FLANGE CONNECTION.

- FLOW CONTROL DEVICE NOTES:**
- EXCEPT AS SHOWN OR NOTED, UNITS SHALL BE CONSTRUCTED IN ACCORDANCE WITH THE REQUIREMENTS FOR ODOT CONC. MANHOLE, 60" MIN. DIA.
 - FOR DETAILS SHOWING GRADE RING, LADDER, STEPS, HANDHOLDS, AND TOP SLABS, SEE STD. DETAIL D1.5.
 - THE RESTRICTOR/SEPARATOR AND PIPE SUPPORTS SHALL BE OF THE SAME MATERIAL AND SHALL BE FABRICATED FROM 0.060" ALUMINUM OR 0.064" ALUMINIZED STEEL OR 0.064" GALVANIZED STEEL PIPE IN ACCORDANCE WITH AASHTO M 36, M 196, M 197 AND M 274. GALVANIZED STEEL SHALL HAVE TREATMENT 1.
 - OUTLET SHALL BE CONNECTED TO CULVERT OR SEWER PIPE WITH A STANDARD COUPLING BAND FOR CORRUGATED METAL PIPE OR GROUTED INTO THE BELL OF CONCRETE PIPE.
 - THE VERTICAL RISER STEM OF THE RESTRICTOR/SEPARATOR SHALL BE THE SAME DIAMETER AS THE HORIZONTAL OUTLET PIPE WITH AN 8" MIN. SIZE.
 - FRAME AND LADDER, OR STEPS TO BE OFFSET SO THAT:
 - CLEANOUT GATE IS VISIBLE FROM TOP.
 - CLIMB-DOWN SPACE IS CLEAR OF RISER AND CLEANOUT GATE.
 - FRAME IS CLEAR OF CURB (IF ANY EXISTS).
 - MULTI-ORIFICE ELBOWS MAY BE LOCATED AS SHOWN OR ALL ON ONE SIDE OF RISER TO ASSURE LADDER CLEARANCE. SIZE OF ELBOWS TO BE DETERMINED BY ENGINEER.
 - RESTRICTOR PLATE WITH ORIFICE AS SPECIFIED IN THE PLANS. SPECIFIED OPENING TO BE CUT ROUND AND SMOOTH EDGED.

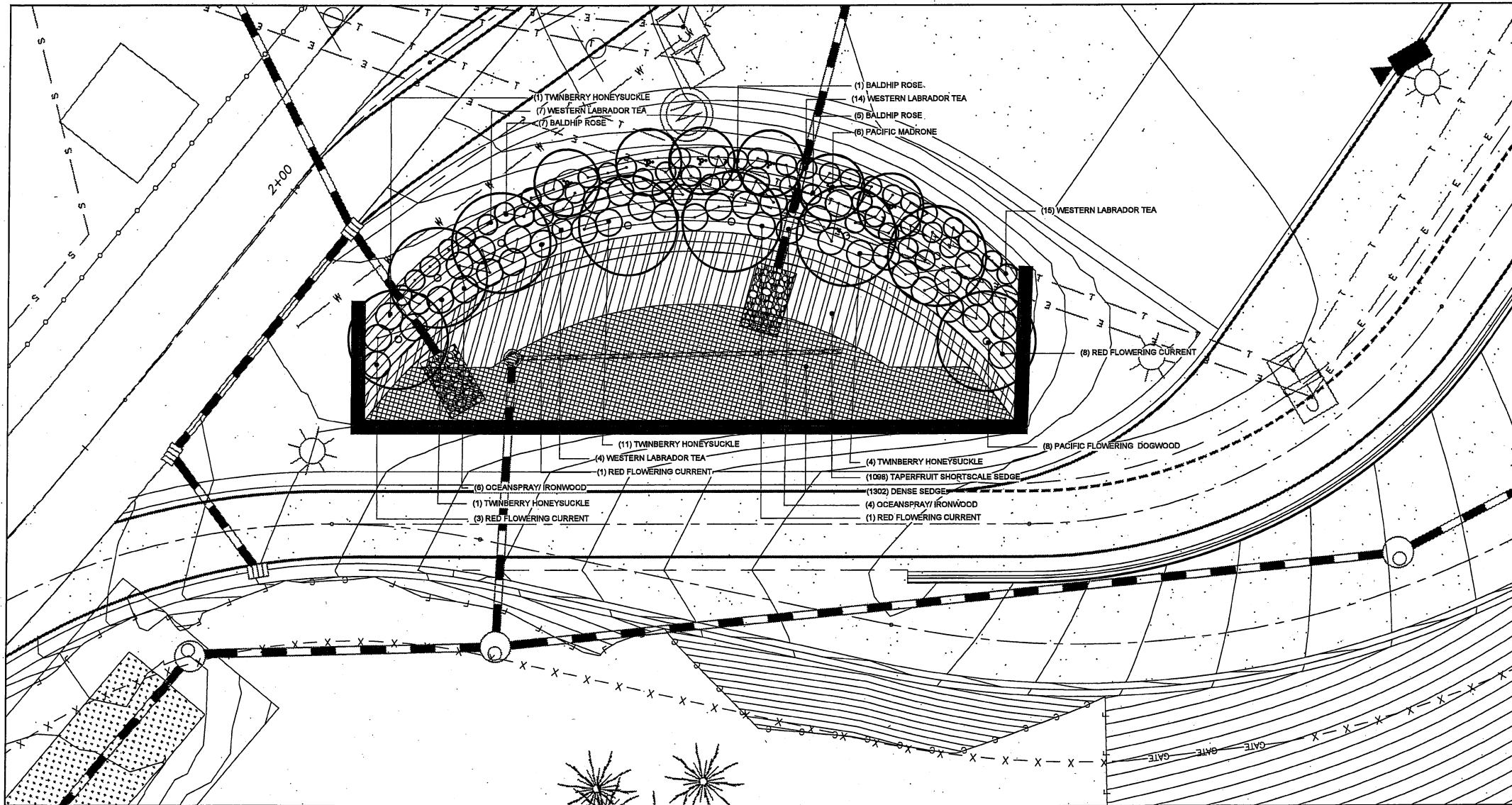
| APPROVED | REVISION | DATE |
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| | | |

**FLORENCE TRANSFER STATION
EXPANSION
STORMWATER FACILITY
FLOW CONTROL MANHOLE DETAILS**

PROJECT NO. 36572306
ROAD NO. 528200
DATE 8/16/20



SHEET NO.
SWF8



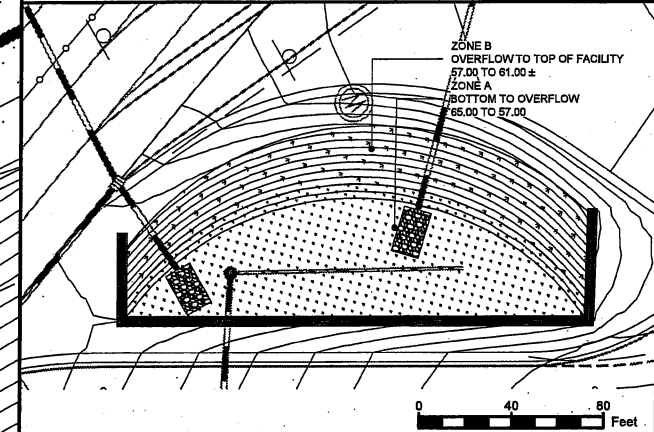
STORMWATER PLANT LIST

| City | Botanical Name | Common Name | Size | Zone | Comments |
|----------------------------|----------------------|-----------------------------|---------|------|----------|
| GRASSES | | | | | |
| 1302 | Carex densa | Dense Sedge | 4" pot | A | 12" O.C. |
| 1098 | Carex leptopoda | Taperfruit Shortscale Sedge | 4" pot | A | 12" O.C. |
| SHRUBS Medium/Small | | | | | |
| 40 | Ledum glandulosum | Western Labrador Tea | 1 Gal. | B | 3" O.C. |
| 13 | Rosa gymnocarpa | Baldhip Rose | 1 Gal. | B | 3" O.C. |
| SHRUBS Large | | | | | |
| 17 | Lonicera involucrata | Twinberry Honeysuckle | 1 Gal. | B | 4" O.C. |
| 10 | Holodiscus discolor | Oceanspray Ironwood | 1 Gal. | B | 4" O.C. |
| 13 | Ribes sanguineum | Red Flowering Current | 1 Gal. | B | 4" O.C. |
| Trees | | | | | |
| 6 | Arbutus menziesii | Pacific Madrone | 1 Gal. | B | 20" O.C. |
| 8 | Comus nuttallii | Western Flowering Dogwood | 1" cal. | B | 20" O.C. |

STORMWATER PLANTING JUSTIFICATION

| Plant Category | Minimum Required | Actual Count | ZONES |
|----------------|------------------|--------------|-------|
| Groundcover | 2400 | 2400 | A |
| Small Shrub | 53 | 53 | B |
| Large Shrub | 40 | 40 | B |
| Tree | 14 | 14 | B |

STORMWATER PLANTING ZONE DIAGRAM



PLANTING NOTES

- NO SUBSTITUTIONS ALLOWED WITHOUT PRIOR APPROVAL FROM OWNER'S REPRESENTATIVE.
- NOTIFY OWNER'S REPRESENTATIVE OF ANY DISCREPANCIES IN THE LAYOUT OF WORK PRIOR TO THE EXECUTION OF THE WORK.
- VERIFY LOCATIONS OF UNDERGROUND UTILITIES PRIOR TO EXECUTION OF WORK. REPAIR ANY DAMAGE TO UTILITIES, PIPES OR RELATED FACILITIES AT CONTRACTOR'S EXPENSE AND IN A MANNER APPROVED BY THE GENERAL CONTRACTOR.
- SEE CIVIL DRAWINGS FOR RAIN GARDEN ENGINEERING, DESIGN AND MATERIALS.
- PROVIDE IRRIGATION TO PLANTERS DURING ESTABLISHMENT/WARRANTY PERIOD OF ONE YEAR FROM THE TIME OF PLANTING INSTALLATION COMPLETION.



LANE COUNTY
 DEPARTMENT OF PUBLIC WORKS
 ENGINEERING DIVISION

DANIEL M. HURLEY, P.E.
 PEGGY A. KEPPLER, P.E., P.L.S.
 PUBLIC WORKS DIRECTOR COUNTY ENGINEER

| DATE | REVISION | APPROVED |
|------|----------|----------|
| | | |
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FLORENCE TRANSFER STATION
 EXPANSION
 RAIN GARDEN PLANTING PLAN

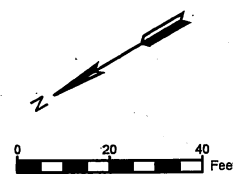
ROAD NO. 528200
 PROJECT NO. 36572306
 DATE 4/24/20

SHEET NO. SWTF9



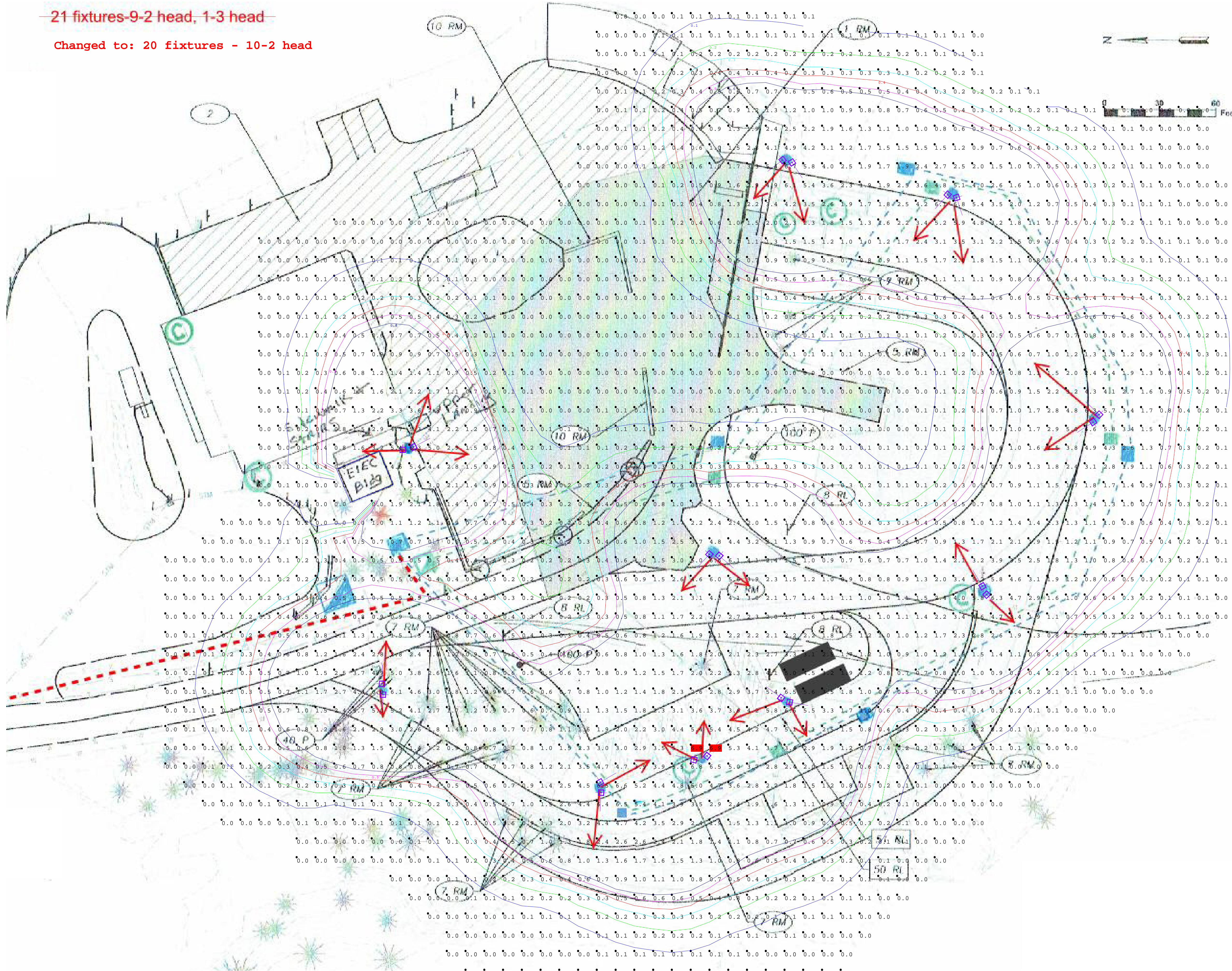
LANDSCAPE ARCHITECTS
 THE SATRE GROUP

PLANS HALF-SIZE



21 fixtures-9-2 head, 1-3 head

Changed to: 20 fixtures - 10-2 head



| # | Date | Comments |
|---|------|----------|
| | | |
| | | |
| | | |

| Revisions | |
|-----------------------------------|-----------------|
| Jennifer Blake | 503.744.0232 |
| Columbia Pacific Sales | Date: 7/28/2020 |
| jennifer@columbiapacificsales.com | |
| www.columbiapacificsales.com | |

Florence Transfer
Lighting Layout

| Luminaire Schedule | | | | |
|--------------------|-----|-------|-------|----------------------------|
| Symbol | Qty | Label | LLF | Description |
| W | 20 | | 0.850 | Utopia LAP-2G-108LED-TYPE3 |

| Calculation Summary | | | | | |
|---------------------|-------------|-------|------|-----|-----|
| Label | CalcType | Units | Avg | Max | Min |
| Site | Illuminance | Fc | 0.87 | 6.9 | 0.0 |

Important Project Notes:

- Fixture Mounting Height: 25'
- Light Loss Factor (LLF) Used: .85
- Fixtures Re-aimed from RED ARROWS in order to keep light levels below 7 FC Maximum
- See PURPLE lines for current aiming
- Lighting Levels Measured at 0'

Calculations have been performed to IES standards and good practice. Some differences between measured values and calculated results may occur due to tolerances in calculation methods, testing procedures, component performance, measurement techniques, and field conditions such as voltage and temperature variations. Input data used to generate the attached calculations such as room dimensions, reflectances, furniture and architectural elements significantly affect the lighting calculations. If the real environment conditions do not match the input data, differences will occur between measured values and calculated values.

HORIZONTAL WORKPLANE VALUES SHOWN ARE FOOTCANDLES AT 30" ABOVE FINISHED FLOOR U.O.N.

AGI32 VERSION 19.14



| # | Date | Comments |
|---|------|----------|
| | | |
| | | |
| | | |
| | | |

Jennifer Blake
 Columbia Pacific Sales
 jennifer@columbiapacificsales.com
 www.columbiapacificsales.com
 503.744.0232
 Date: 7/28/2020

Florence Transfer
 Lighting Layout

LAP-2G-108LED/50-T3-UNV-DM-GR-SF-BR
 Florence Transfer -
 Camp Creek Electrical



APPLICATION

For all applications in site, area, and general lighting requiring high uniformity, excellent vertical light distribution, reduced offsite visibility, reduced on-site glare and effective security light levels. The LAP luminaire delivers exceptional performance in a low-profile design.

FEATURES:

- Die-cast aluminium construction body on which electrical components.
- Die-cast integral heat sink to provide thermal management.

MOUNTING:

- PMS: Pole mount arm available for 3", 4" and 5" square pole.
- PMR: Pole mount arm available for 3" (PMR3), 4" (PMR4) and 5" (PMR5) dia. round pole.
- SF: Adjustable slip fitter mount available for pipe installation (1-21/32"O.D to 2-3/8"O.D)
- WM: Wall mount plate.
- Mounting arm bolts are 304 stainless steel and zinc-plated steel.
- MA: Available for 2.375"(O.D) sized Mast Arm Pole.
- MA2: Availabel for 1.900"(O.D) sized Mast Arm Pole.

LED:

- Color Temperature: 3000 / 4000 / 5000K
- Color Rendering Index: 70+ CRI.
- Nichia LED.
- Lifetime: over 50,000 hours.
- Optical lens is used to reduce glare.

ELECTRICAL:

- UL, FCC certified input voltage range: 100V-277V, 50/60Hz
- Power factor >90%, THD <20%
- 72LED: Class 2 LED electronic driver.
- 108LED, 141LED, 188LED: Class 1 electronic driver.
- Operating temperature: -40°C to 40°C (110W can reach +50°C).
- Provided with integrated surge protection (6kV line-line, 10kV line-earth).
- Optional integrated 10kV/10kA surge protection available (SP10).
- Over Voltage Protect : Hiccup mode. The power supply shall return to normal operation only after the power is turn-on again.
- Short Circuit Protect : No damage shall occur when any output operating in a short circuit condition. The power supply shall be self-recovery when the fault condition is removed.
- Over Temperature Protect : 110°C
- Meets ANSI/IEEE C62.41 Category C (outdoors) High.
- Waterproof (IP67) and UL Dry / Damp / Wet Location outdoor LED driver.
- RoHS compliant.
- Complies with Part 15 of the FCC Rules (meets 47 CFR 15, Class B).

OPTIC:

- UV stabilized polycarbonate lens.

LISTING:

- UL / CUL listed.
- Listed to UL 1598 and UL 8750.
- DLC listed. ³
- ARRA compliant. (optional)
- Suitable for wet location.
- Tested to IESNA LM80 standards.
- LM79, LM80.
- 5 years limited warranty.
- 7 or 10 years limited warranty. (optional) ⁴
- IP66 Rating.
- Certified to ANSI C136.31-2010, 3.0G Level 2 for Bridge/Overpass Applications.

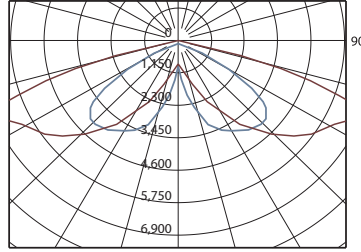
CONFIGURATIONS

| | Type | Input Rating | Lumen Output (lm/w) | Total Lumen Output | Drive Current per LED | EPA Rating (w/o photocell) | EPA Rating (w/ photocell) | B.U.G. Rating | Weight (lbs/kg) |
|-----|------|--------------|---------------------|--------------------|-----------------------|----------------------------|---------------------------|---------------|----------------------|
| 72 | T2 | 72W | 106.1 lm | 7644 lm | 1.4 A | 0.64 | 0.651 | B3-U0-G3 | 23.17 lbs / 10.51 kg |
| | T3 | | 123.3 lm | 8977 lm | | | | B2-U0-G2 | |
| | T4M | | 124.5 lm | 9064 lm | | | | B2-U0-G2 | |
| | T5S | | 127.4 lm | 9251 lm | | | | B3-U0-G2 | |
| 108 | T2 | 108W | 107.8 lm | 12359 lm | 2.1 A | 0.7 | 0.71 | B3-U0-G3 | 25.38 lbs / 11.51 kg |
| | T3 | | 109.7 lm | 11753 lm | | | | B3-U0-G3 | |
| | T4M | | 127.2 lm | 13650 lm | | | | B3-U0-G3 | |
| | T5S | | 129.6 lm | 13932 lm | | | | B4-U0-G3 | |
| 141 | T2 | 137.9W | 123.59 lm | 17048 lm | 2.8 A | 0.77 | 0.782 | B3-U0-G3 | 26.7 lbs / 12.11 kg |
| | T3 | 141W | 115.5 lm | 16370 lm | | | | B3-U0-G3 | |
| | T4M | | 126.8 lm | 17854 lm | | | | B3-U0-G3 | |
| | T5S | | 131.9 lm | 18831 lm | | | | B4-U0-G1 | |
| 188 | T2 | | 188W | 112.3 lm | 21554 lm | 3.8 A | 0.9 | 0.914 | B4-U0-G4 |
| | T3 | 131.9 lm | | 24645 lm | B4-U0-G4 | | | | |
| | T4M | 121.6 lm | | 22862 lm | B3-U0-G3 | | | | |
| | T5S | 137.2 lm | | 25856 lm | B5-U0-G3 | | | | |

LAP-2G



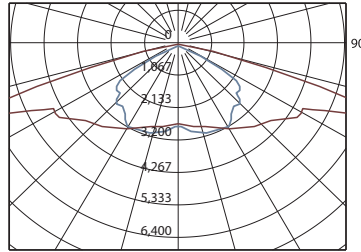
Polar Candela Distribution (TYPE 3 medium + House Shield)



| | | |
|----------------------|---------|-------|
| Downward Street Side | 8,120.0 | 92.1% |
| Downward House Side | 701.5 | 8% |
| Downward Total | 8,821.5 | 100% |



Polar Candela Distribution (TYPE 3 medium)



| | | |
|----------------------|----------|-------|
| Downward Street Side | 7,304.4 | 62.2% |
| Downward House Side | 4,448.7 | 37.9% |
| Downward Total | 11,753.1 | 100% |

ORDERING INFORMATION

EXAMPLE: LAP-2G-108LED-50K-T3-UNV-DM-BZ-WM

| MODEL | LED | COLOR TEMP. | DISTRIBUTION | VOLTAGE | DIMMING | FINISH |
|--------|---|-------------------|--------------------|---------------------|----------------|--------------------------------|
| LAP-2G | 72LED 72W (40LEDs) | -30K 3000K | T2 Type II | UNV 120-277V (Std.) | DM 0-10V | BZ Dark Bronze RAL#8019 (Std.) |
| | 108LED 108W (60LEDs) | -40K 4000K | T3 Type III | 347 347V | Dimming (Std.) | GR Gray RAL#7036 |
| | 141LED 141W (80LEDs) | -50K 5000K (Std.) | T4M Type IV Medium | 480 480V | | WH White RAL#9003 |
| | 188LED 188W (120LEDs) | | T5S Type V Short | | | BK Black RAL#9011 |
| xxxLED | Customized Wattage/ Lumen package ⁹ | | | | | |

⁹ Available custom color (RAL)
Please provide us with the RAL number.
¹⁰ Non-standard finish with extra charge.

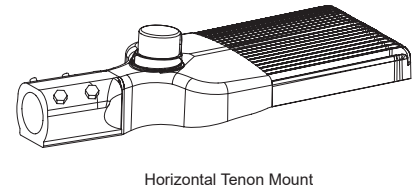
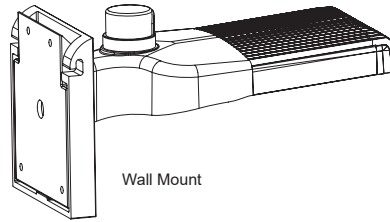
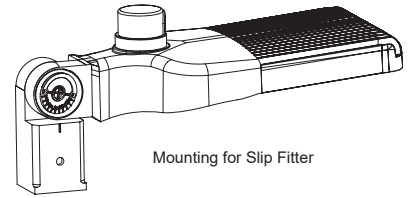
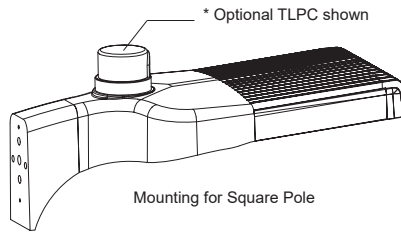
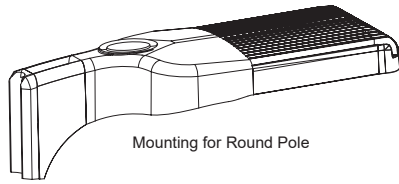
| MOUNTING | OPTIONS |
|---|--|
| SF Slip Fitter WM Wall Mount PMS Square Pole Mount Arm PMR3 3" Round Pole Mount Arm PMR4 4" Round Pole Mount Arm PMR5 5" Round Pole Mount Arm MA Horizontal Tenon Mount (Mounts to 2" IP, 2.375" O.D) MA2 Horizontal Tenon Mount (Mounts to 1-1/2" IP, 1.900" O.D) | HS House Shield RC NEMA twist-lock receptacle only (no controls) RC7 NEMA 7-wire receptacle only (no controls) TLPC1 3-Pin Receptacle and Twist Lock Photocell Installed 120V TLPC2 3-Pin Receptacle and Twist Lock Photocell Installed 277V TLPC3 3-Pin Receptacle and Twist Lock Photocell Installed 120V-277V TLPC-SC Shorting Cap RS Remote handheld configuration tool for FSP-211 <small>* Contact Factory for more options</small> SP10 Integrated 10kV/10kA surge protection FSP-211 0-10V Dimming Control Occupancy Sensor 1,2 (L2) FSP-L2 Lens @ 8' height (up to 44' diameter) (L3) FSP-L3 Lens @ 20' height (up to 40' diameter) (L7) FSP-L7 Lens @ 40' height (up to 100' diameter) |
| | LRD-309S-x 0-10V Dimming Control Occupancy Sensor (*IR remote programmable). (See note 7 to select lens for "x") ^{6,8} LRD-509S-x IP-66 rated integrated 0-10V SmartDIM or multi-level high/low dim control occupancy sensor (*IR remote programmable). (See note 7 to select lens for "x") ^{6,8} LOD-500S-x IP-66 rated integrated bi-level 0-10V occupancy sensor with DIP switch setting (See note 7 to select lens for "x") ⁶ RS-LRD Remote programmer for LRD-509S and LRD-309S PSC-BLE-SR McWong 0-10V Bi-level passive infrared (PIR) occupancy sensor with dim-to-off for Bluetooth Mesh in Silvalair enabled ARRA Assembled in USA for Buy American act BR Bird Guard, Stainless Steel Spikes O7W Optional 7 Years Limited Warranty ⁴ O10W Optional 10 Years Limited Warranty ⁴ REM16 Remote 16W Emergency Battery Backup (CEC Compliant EM) in black finish ^{10,11} |

NOTES:

- Must specify lens. (L2, L3, L7)
- Default settings are Title 24 compliant for all spaces that do not require daylighting.
For spaces that do require it, adjustments will be necessary for the Hold Off Setpoint and the Photocell functions.
- DesignLights Consortium® (DLC) qualified product. Not all versions of this product may be DLC qualified.
Please check the DLC Qualified Products List at www.designlights.org/QPL to confirm which versions are qualified.
- This limited warranty covers electrical parts only and does not apply to labor, equipment lease, or defect from improper installation or operation.
- Standard dimming 0-10V, ANSI C136.41, Photocell and shorting cap by others.
- Its default setting can be found on the IR-TEC installation instructions.

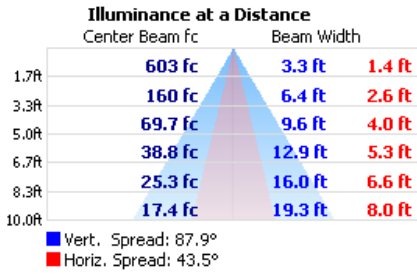
- A:** Standard cone shape Lens @ 15' height (up to 30' coverage)
- B:** Extra wide cone shape Lens @ 10' height (up to 60' coverage)
- C:** High bay cone shape Lens @ 30' height (up to 90' coverage)
- D:** Standard round shape Lens @ 20' height (up to 40' coverage)
- F:** Extra wide dome shape Lens @ 20' height (up to 80' coverage)
- G:** Aisle way arch shape Lens @ 40' height (up to 120' coverage)
- H:** High bay dome shape Lens @ 50' height (up to 50' coverage)
- Order "RS-LRD" to adjust sensor setting.
- DLC is not available.
- Only available with Wall Mount.
- Remote Box is UL1598 recognized, IP66, IP67 rated, and ambient temperature up to 55°C.

LAP-2G

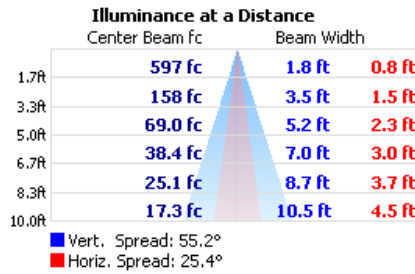


* Effective Projected Area (EPA) with Square Pole Mounting.

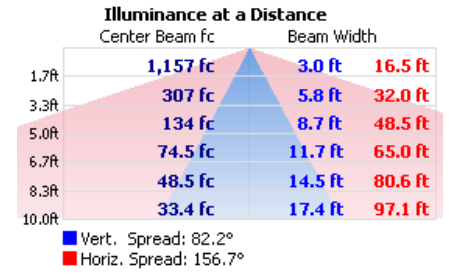
LAP-2G-72LED-T2



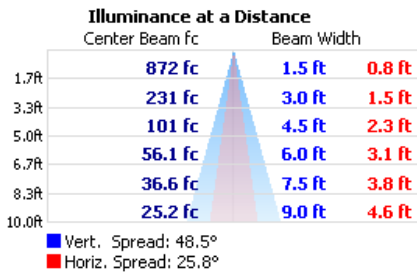
LAP-2G-72LED-T4M



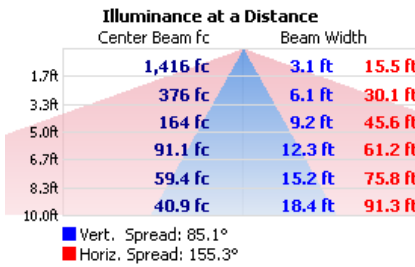
LAP-2G-108LED-T2



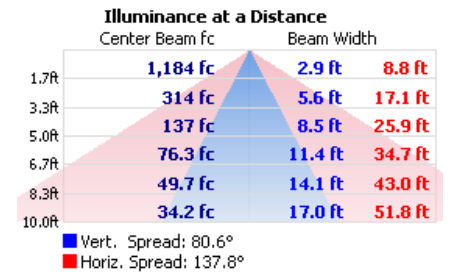
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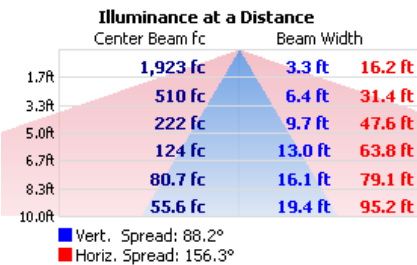
LAP-2G-141LED-T2



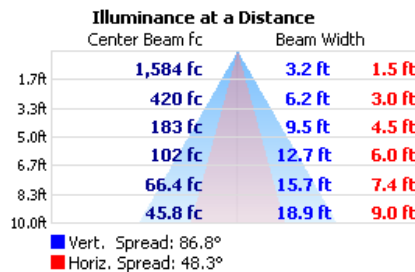
LAP-2G-141LED-T4M



LAP-2G-188LED-T2



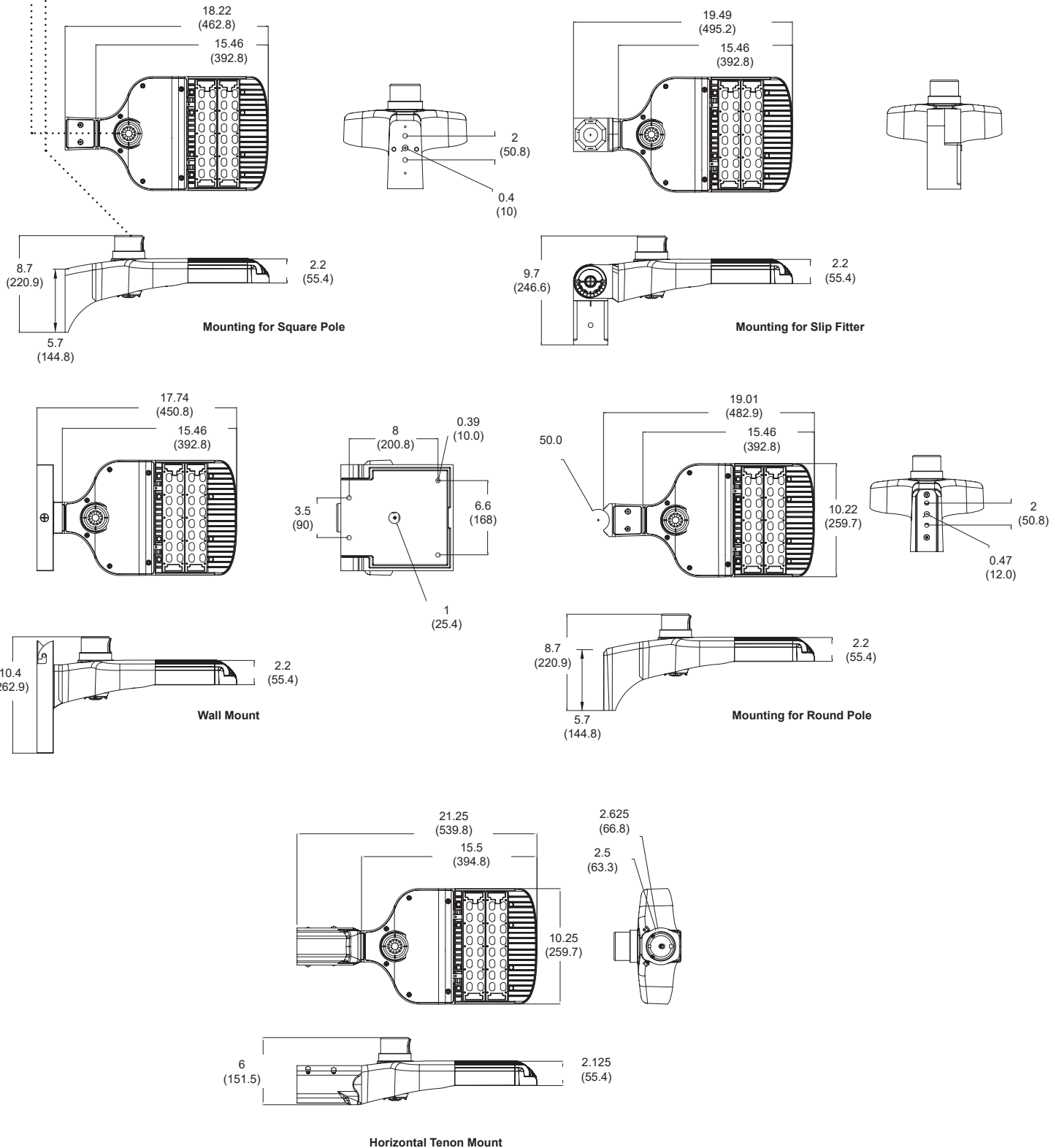
LAP-2G-188LED-T4M



LAP-2G

72W

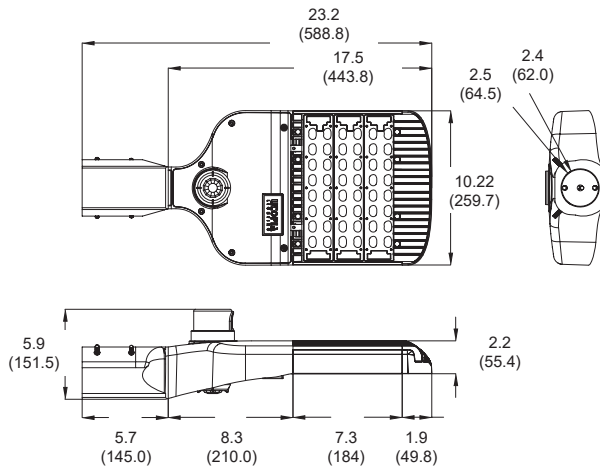
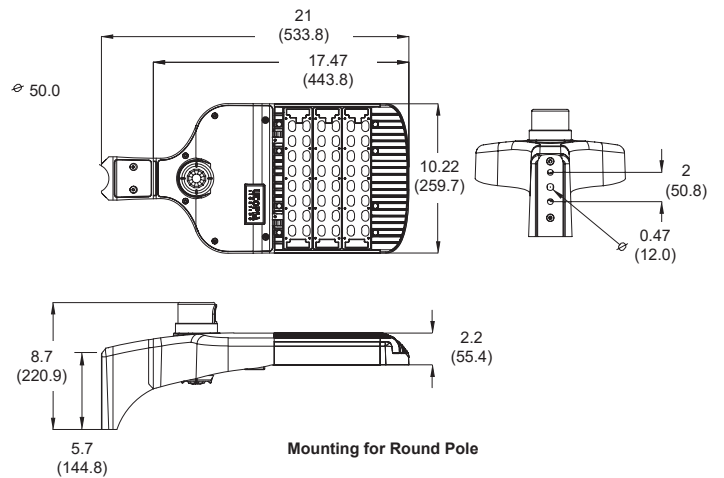
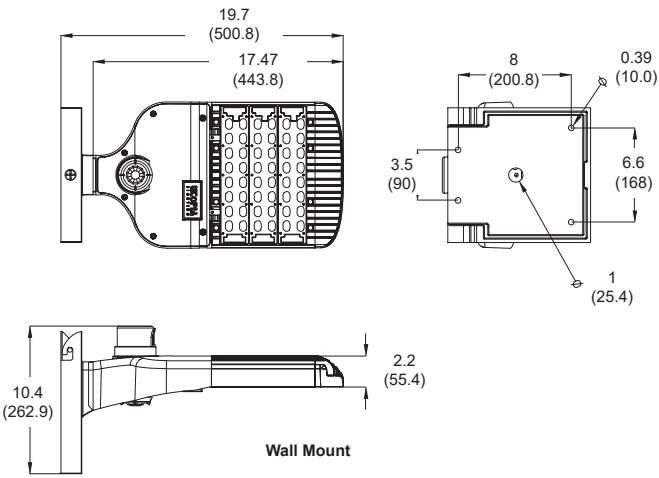
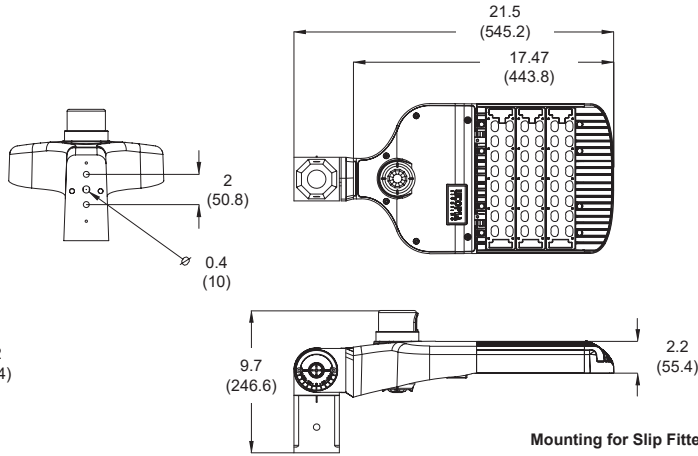
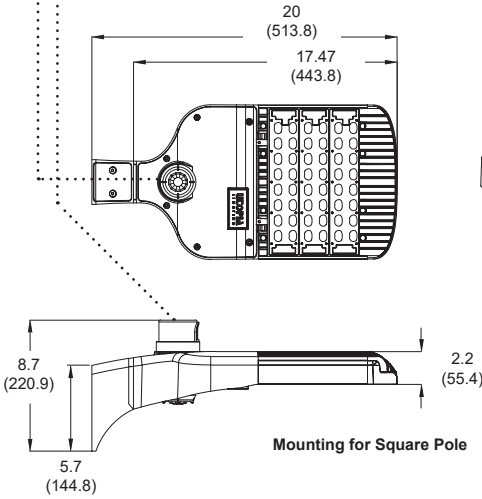
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- * Optional TLPC shown



LAP-2G

108W

- * Optional FSP-211 shown
- * Optional TLPC shown

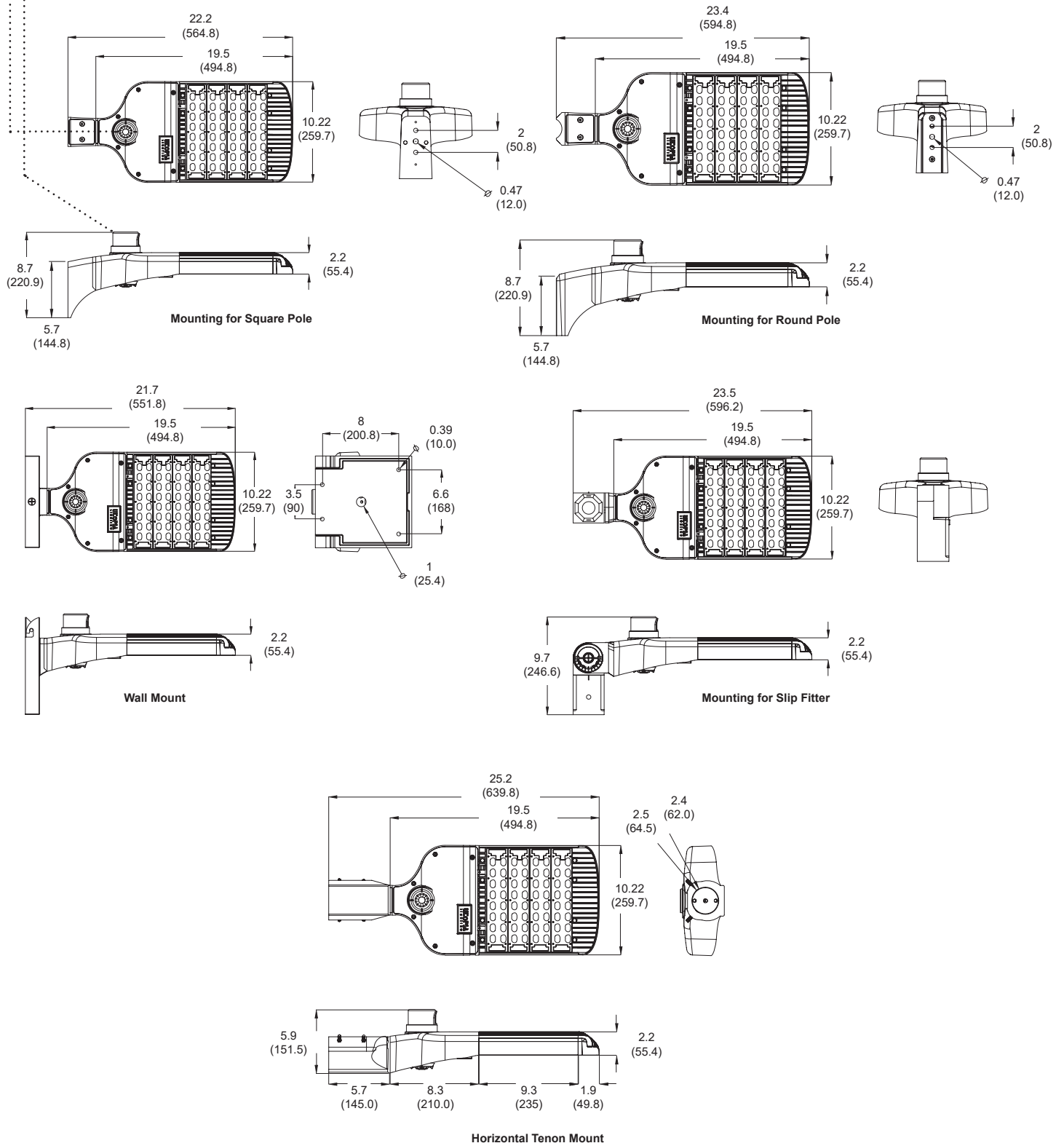


LAP-2G

141W

* Optional FSP-211 shown

* Optional TLPC shown



LAP-2G

188W

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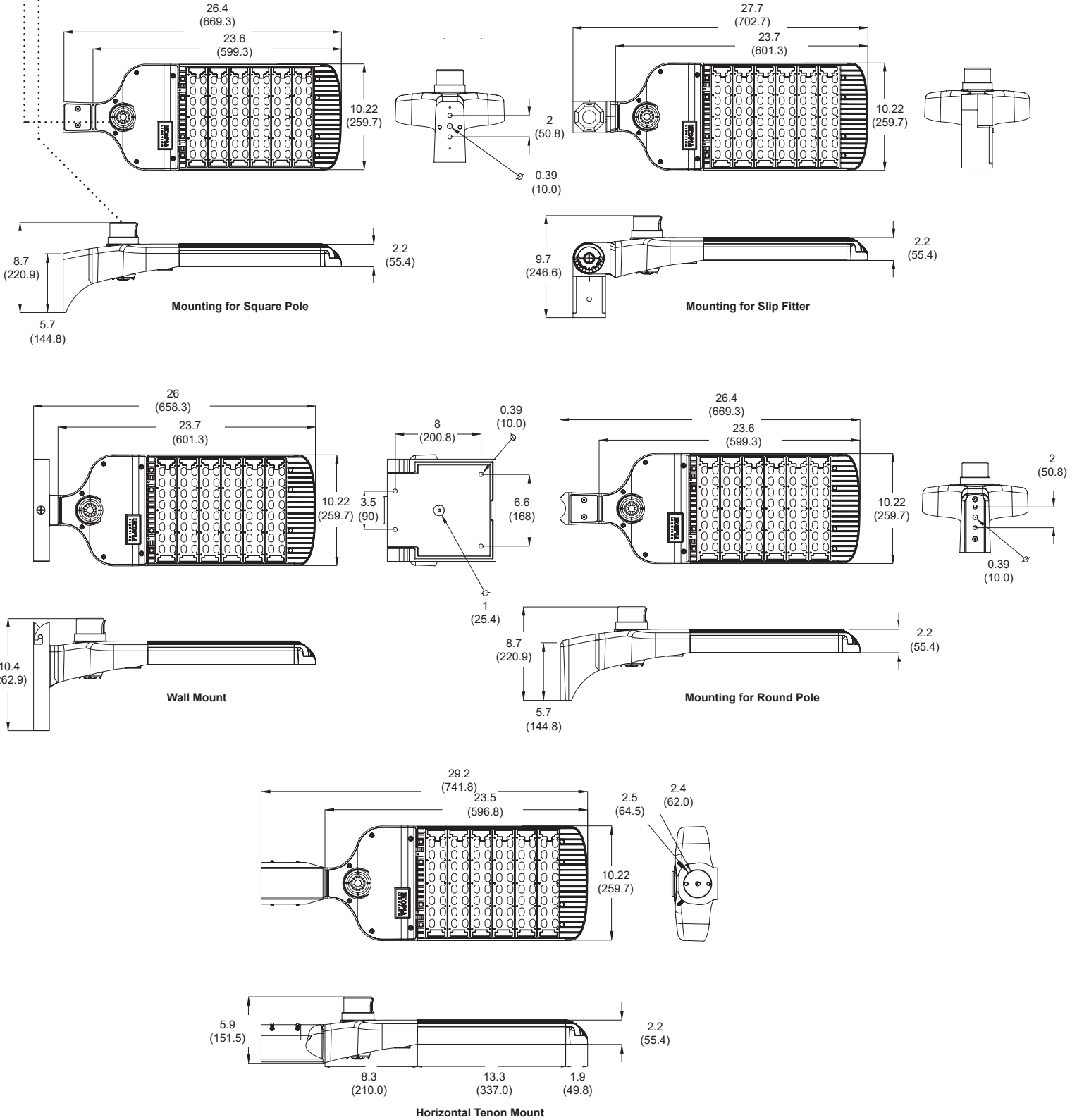


Exhibit H



City of Florence

250 Hwy 101, Florence, OR 97439
www.ci.florence.or.us

September 30, 2020

Kerry Werner
Lane County Public Works
3040 N Delta Hwy
Eugene, OR 97408

Dear Mr. Werner,

This letter serves as a report on the status of the conditions of approval attached to Resolution PC 20 06 CUP 02, which approved the Lane County Transfer Station redevelopment project in Florence. Revised plans have been provided to the City to address those conditions.

Upon reviewing the revised plans and the conditions of approval which have bearing on the project's initial construction—such as the release of building permits contingent on revised plans—the City of Florence considers those conditions to be met, with a single exception.

The requirement to submit a completed Operations and Maintenance Agreement has not been completed. However, at the time of this letter, a draft agreement has been received, and the task of moving that document forward rests on the City. The draft is under final review, and a revised copy will be provided for your own review shortly. The City does not consider this uncompleted task to be an issue. The draft agreement will suffice to meet the intent of Condition 10.3 until final inspections are requested for the fee booth or a final agreement is submitted for recording.

Best regards,

Dylan Huber-Heidorn, AICP
Assistant Planner

Public Works
2675 Kingwood St.
(541) 997-4106

**City Manager /
City Recorder**
250 Highway 101
(541) 997-3437

**Community Development:
Planning & Building**
250 Highway 101
(541) 997-8237

**Finance /
Utility Billing**
250 Highway 101
(541) 997-3436

Justice Center
900 Greenwood St.
(541) 997-3515

Florence Events Center
715 Quince St.
(541) 997-1994



Form O&M

After Recording Return to:
Name:
Address:



Place Recording Label Here

APPENDIX A.4
Form O&M: Operations and Maintenance Plan

Permit Application No. PC 20 06 CUP 02

Owner Name: Lane County Public Works Waste Management Division

Phone: (area code required) 541-682-4120

Mailing Address: (return address for records) 3100 E 17th Ave

City/State/Zip: Eugene, Oregon 97403

Site Address: 2820 Rhododendron DR

City/State/Zip: Florence, Oregon 97439

Site Legal Description:

Assessor's Map 18-12-22-00, Tax Lot 00702

1 Responsible Party for Maintenance (check one)

Homeowner association Property Owner Other (describe)

2 Contact Information for Responsible Party(ies) if Other than Owner

Daytime Phone: (area code required) 541 - 682 - 3899

Emergency/After Hours Phone: 541 - 285 - 4005

Contact Name and Address: Don Strunk, 3100 E 17th, Eugene OR 97403

Instructions

Simplified Sizing Approach: Attach O&M Specifications from the Florence Stormwater Design Manual Appendix H.

Presumptive and Performance Sizing Approach: Attach the site-specific O&M Plan (See Stormwater Design Manual Section 6).

3 Site Plan

Show all facility locations in relation to labeled streets, buildings, or other permanent features on the site. Also show the sources of runoff entering the facility, and the final onsite/offsite discharge point.

Please complete the table below

Maintaining the stormwater management facility on this site plan is a required condition of building permit approval for the identified property. The property owner is required to operate and maintain this facility in accordance with the O&M specifications or plan on file with the City of Florence. That requirement is binding on all current and future

owners of the property. Failure to comply with the O&M specifications or plan may result in enforcement action, including penalties. The O&M specifications or plan may be modified by written consent of new owners and written approval by re-filing with the Community Development Department.

Complete and recorded O&M Forms shall be submitted to:

Community Development Department, 250 Highway 101, Florence, OR, 97439
Office hours are 8 - 5, Monday through Friday. Call 541-997-3436 for assistance.

Required Site Plan (insert here or attach separate sheet)

I Have Attached a Site Plan

Please complete this table

| Facility Type | Size (sf) | Drainage is from: | Impervious Area Treated (sf) | Discharge Point |
|-----------------------|-----------|----------------------|------------------------------|-----------------|
| Rain Garden | | Road And Parking Lot | 104,139 | Noted on Plans |
| BioPod | | Road and Parking Lot | 11,638 | Noted on Plans |
| Infiltration Trenches | | Basins 1 & 2 | 115,777 | Noted on Plans |

BY SIGNING BELOW filer accepts and agrees to the terms and conditions contained in this O&M Form and in any document executed by filer and recorded with it. To be signed in the presence of a notary.

Filer signature

INDIVIDUAL Acknowledgement
STATE of OREGON county of:

This instrument was acknowledged before me on:

By:

Notary Signature:

My Commission Expires: _____ for notary seal

CORPORATE Acknowledgement
STATE of OREGON county of:

This instrument was acknowledged before me on:

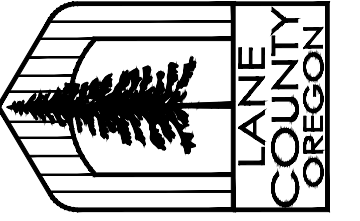
By:

As (title):

Of (corporation):

Notary Signature:

My Commission Expires:



LANE COUNTY
DEPARTMENT OF PUBLIC WORKS
ENGINEERING DIVISION
 DANIEL M. HURLEY, P.E. PEGGY A. KEPPLER, PE, PLS.
 PUBLIC WORKS DIRECTOR COUNTY ENGINEER

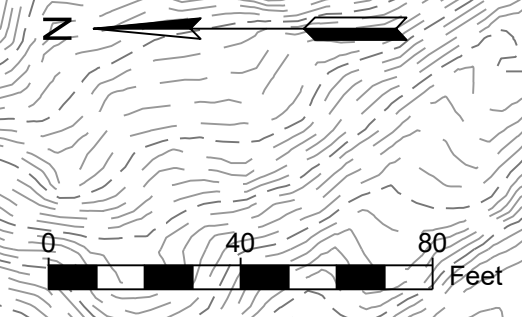
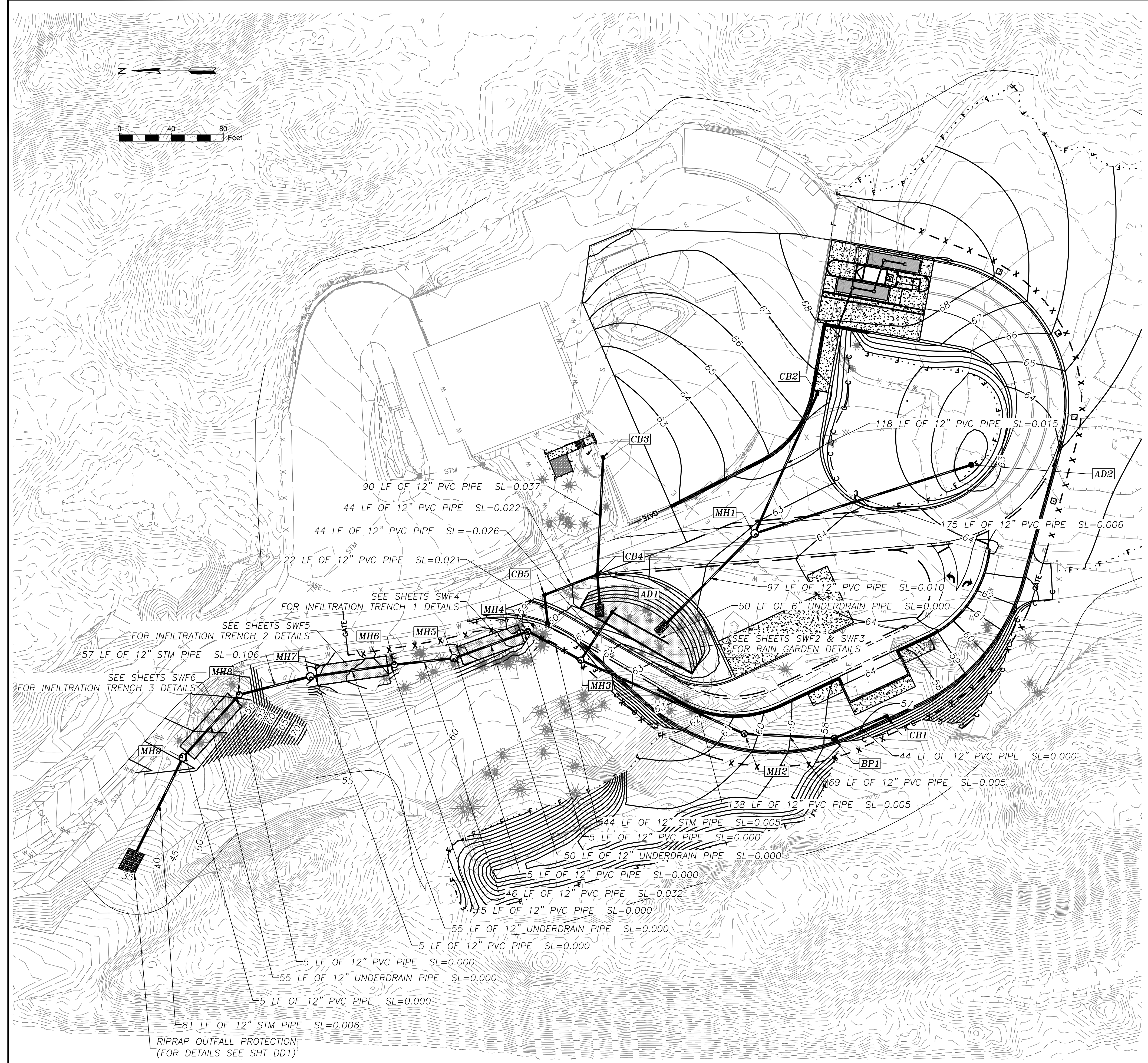
| APPROV | REVISION | DATE |
|--------|----------|------|
| | | |
| | | |
| | | |
| | | |

**FLORENCE TRANSFER STATION
 EXPANSION
 DRAINAGE PLAN**

ROAD NO. 528200
 PROJECT NO. 36572306
 DATE 3/27/20

SHEET NO.
DP1

| DRAINAGE STRUCTURES | DRAINAGE STRUCTURES |
|---|---|
| AD1 N= 933780.21 E= 424201.01 AREA INLET 24 IN. DIAM. (FOR DETAILS SEE SHT DD1) GRATE= 57.00 IE 12" IN (NW)= 52.91 IE 6" IN (SW)= 53.50 | MH1 N= 933670.39 E= 424261.72 MANHOLE 60 IN. DIAM. (FOR DETAILS SEE ODOT STD DWG NO. RD335) RIM= 63.13 IE 12" IN (S)= 56.97 IE 12" IN (SE)= 56.97 IE 12" OUT (NW)= 56.97 |
| AD2 N= 933503.56 E= 424314.60 AREA INLET 24 IN. DIAM. (FOR DETAILS SEE SHT DD1) GRATE= 60.00 IE 12" OUT (N)= 58.00 | MH2 N= 933678.50 E= 424107.44 MANHOLE 48 IN. DIAM. (FOR DETAILS SEE ODOT STD DWG NO. RD335) RIM= 60.43 IE 12" IN (S)= 52.45 IE 12" OUT (NE)= 52.45 |
| BP1 N= 933609.16 E= 424104.01 BIOPOD (4'X4' - O.D. 5'X5') (FOR DETAILS SEE SHT DD1) GRATE= 57.71 IE 12" IN (SE)= 53.13 IE 12" OUT (N)= 52.80 | MH3 N= 933804.31 E= 424164.20 MANHOLE 48 IN. DIAM. (FOR DETAILS SEE ODOT STD DWG NO. RD335) RIM= 60.67 IE 12" IN (SW)= 51.76 IE 12" OUT (SE)= 51.76 IE 12" OUT (NE)= 51.76 |
| CB1 N= 933569.09 E= 424121.03 G-2 INLET (FOR DETAILS SEE ODOT STD DWG NO. RD364) GRATE= 56.69 IE 12" OUT (NW)= 53.13 | MH4 N= 933845.20 E= 424186.23 MANHOLE 48 IN. DIAM. (FOR DETAILS SEE ODOT STD DWG NO. RD335) RIM= 58.00 IE 12" IN (SW)= 51.54 IE 12" OUT (N)= 48.00 |
| CB2 N= 933622.17 E= 424369.41 G-2 INLET (FOR DETAILS SEE ODOT STD DWG NO. RD364) GRATE= 60.69 IE 12" OUT (NW)= 58.69 | MH5 N= 933901.95 E= 424165.69 FLOW CONTROL MANHOLE (FOR DETAILS SEE SHT SWF7) RIM= 55.45 IE 12" IN (S)= 48.00 IE 12" OUT (N)= 48.00 |
| CB3 N= 933787.13 E= 424320.28 G-2 INLET (FOR DETAILS SEE ODOT STD DWG NO. RD364) GRATE= 61.66 IE 12" OUT (W)= 59.66 | MH6 N= 933947.96 E= 424160.64 MANHOLE 48 IN. DIAM. (FOR DETAILS SEE ODOT STD DWG NO. RD335) RIM= 54.41 IE 12" IN (S)= 46.50 IE 12" OUT (N)= 46.50 |
| CB4 N= 933791.57 E= 424230.12 G-2 INLET (FOR DETAILS SEE ODOT STD DWG NO. RD364) GRATE= 64.26 IE 12" IN (N)= 56.34 IE 12" IN (E)= 56.34 IE 12" OUT (W)= 56.34 | MH7 N= 934012.66 E= 424151.58 FLOW CONTROL MANHOLE (FOR DETAILS SEE SHT SWF7) RIM= 53.57 IE 12" IN (S)= 46.50 IE 12" OUT (N)= 46.50 |
| CB5 N= 933832.29 E= 424214.42 G-2 INLET (FOR DETAILS SEE ODOT STD DWG NO. RD364) RIM= 59.29 IE 12" IN (W)= 57.29 IE 12" OUT (S)= 57.29 | MH8 N= 934067.41 E= 424137.54 MANHOLE 48 IN. DIAM. (FOR DETAILS SEE ODOT STD DWG NO. RD335) RIM= 50.15 IE 12" IN (S)= 40.50 IE 12" OUT (NW)= 40.50 |
| CB6 N= 933829.73 E= 424192.36 G-2 INLET (FOR DETAILS SEE ODOT STD DWG NO. RD364) GRATE= 60.00 IE 12" OUT (E)= 57.75 | MH9 N= 934110.84 E= 424089.17 FLOW CONTROL MANHOLE (FOR DETAILS SEE SHT SWF8) RIM= 48.14 IE 12" IN (SE)= 40.50 IE 12" OUT (NW)= 40.50 |



**95%
 PLANS**

PLANS HALF-SIZE



STORMWATER MANAGEMENT FACILITY INSPECTION & MAINTENANCE LOG

Property Address:

Inspection Date:

Inspection Time:

Inspected By:

Approximate Date/Time of Last Rainfall:

Type of Stormwater Management Facility:

Location of Facility on Site (In relation to buildings or other permanent structures):

Water levels and observations (Oil sheen, smell, turbidity, etc.):

Sediment accumulation & record of sediment removal:

Condition of vegetation (Height, survival rates, invasive species present, etc.) & record of replacement and management (mowing, weeding, etc.):

Condition of physical properties such as inlets, outlets, piping, fences, irrigation facilities, and side slopes. Record damaged items and replacement activities:

Presence of insects or vectors. Record control activities:

Identify safety hazards present. Record resolution activities:

Soakage Trenches

Operations & Maintenance Plan

Insects & Rodents shall not be harbored in the soakage trench. Pest control measures shall be taken when insects/rodents are found to be present.

- If a complaint is received or an inspection reveals that a stormwater facility is significantly infested with mosquitoes or other vectors, the property owner/owners or their designee may be required to eliminate the infestation at the City inspector's discretion. Control of the infestation shall be attempted by using first non-chemical methods and secondly, only those chemical methods specifically approved by the City's inspector. Acceptable methods include but are not limited to the following:
 - i) Installation of predacious bird or bat nesting boxes.
 - ii) Alterations of pond water levels approximately every four days in order to disrupt mosquito larval development cycles.
 - iii) Stocking ponds and other permanent water facilities with fish or other predatory species.
 - iv) If non-chemical methods have proved unsuccessful, contact the City inspector prior to use of chemical methods such as the mosquito larvicides *Bacillus thurengensis* var. *israeliensis* or other approved larvacides. These materials may only be used with City inspector approval if evidence can be provided that these materials will not migrate off-site or enter the public stormwater system. Chemical larvicides shall be applied by a licensed individual or contractor.
- Holes in the ground located in and around the soakage trench shall be filled.

Soakage Trenches

Operations & Maintenance Plan

Soakage Trenches consist of drain rock and sand, and receive stormwater from roof downspouts and/or area drains. There are various components within the system - piping, silt basin and the trench itself. The **Conveyance Piping** consists of an inlet pipe (downspout or area drain), an outlet pipe located between the silt basin and the soakage trench, and a perforated pipe, located on top of the aggregate bed of the soakage trench. The **Silt Basin** is a structure receiving runoff from an inlet pipe and conveying it to the soakage trench. The silt basin serves as the pre-treatment system for the soakage trench, removing sediments and other debris that can impact its proper functioning. All facility components, vegetation, and source controls shall be inspected for proper operations and structural stability. These inspections shall occur, at a minimum, quarterly for the first two years from the date of installation, then two times per year afterwards, or within 48 hours after each major storm. The facility owner must keep a log, recording all inspection dates, observations, and maintenance activities. The following items shall be inspected and maintained as stated:

Soakage trench infiltration: If water is noticed on top of the trench within 48 hours of a major storm, the soakage trench may be clogged.

- Check for debris/sediment accumulation, rake and remove and evaluate upland causes (erosion, surface or roof debris, etc)
- Assess the condition of the aggregate and the filter fabric in the trench. If there is sediment in the aggregate, excavate and replace.
- If there is a tear in the filter fabric, repair or replace.

Conveyance Piping: If water ponds over the trench for more than 48 hours after a major storm and no other cause is identified, it may be necessary to remove the filter fabric to determine if the perforated pipe is clogged with sediment or debris.

- Any debris or algae growth located on top of the soakage trench should be removed and disposed of properly.
- If the piping has settled more than 1-inch, add fill material. If there are cracks or releases, replace or repair the pipe. If there are signs of erosion around the pipe, this may be an indication of water seeping due to a crack or break.

Silt Basin: If water remains in the soakage trench for 36-48 hours after storm, check for sediment accumulation in the silt basin

- If less than 50% capacity remains in the basin or 6" of sediment has accumulated, remove and dispose the sediment.

Spill Prevention: Virtually all sites, including residential and commercial, present dangers from spills. All homes contain a wide variety of toxic materials including gasoline for lawn mowers, antifreeze for cars, nail polish remover, pesticides, and cleaning aids that can adversely affect groundwater if spilled. It is important to exercise caution when handling substances that can contaminate stormwater.

- Activities that pose the chance of hazardous material spills shall not take place near soakage trenches.

A **Shut-Off Valve or Flow-Blocking Mechanism** may have been required with the construction of the soakage trench to temporarily prevent stormwater from flowing into it, in the event of an accidental toxic material spill. This may also involve mats kept on-site that can be used to cover inlet drains in parking lots. The shut-off valve shall remain in good working order, or if mats or other flow-blocking mechanisms are used, they shall be kept in stock on-site.

Training and/or written guidance information for operating and maintaining soakage trenches shall be provided to all property owners and tenants. A copy of the O&M Plan shall be provided to all property owners and tenants.

Access to the soakage trench is required for efficient maintenance. Egress and ingress routes will be maintained to design standards at inspections.

Rain Gardens

Operations & Maintenance Plan

Training and/or written guidance information for operating and maintaining vegetated infiltration basins shall be provided to all property owners and tenants. A copy of the O&M Plan shall be provided to all property owners and tenants.

Access to the infiltration basin shall be safe and efficient. Egress and ingress routes shall be maintained to design standards. Roadways shall be maintained to accommodate size and weight of vehicles, if applicable.

- Obstacles preventing maintenance personnel and/or equipment access to the infiltration basin shall be removed.
- Gravel or ground cover shall be added if erosion occurs, e.g., due to vehicular or pedestrian traffic.

Insects & Rodents shall not be harbored in the infiltration basin. Pest control measures shall be taken when insects/rodents are found to be present.

- If a complaint is received or an inspection reveals that a stormwater facility is significantly infested with mosquitoes or other vectors, the property owner/owners or their designee may be required to eliminate the infestation at the City inspector's discretion. Control of the infestation shall be attempted by using first non-chemical methods and secondly, only those chemical methods specifically approved by the City's inspector. Acceptable methods include but are not limited to the following:
 - i) Installation of predacious bird or bat nesting boxes.
 - ii) Alterations of pond water levels approximately every four days in order to disrupt mosquito larval development cycles.
 - iii) Stocking ponds and other permanent water facilities with fish or other predatory species.
 - iv) If non-chemical methods have proved unsuccessful, contact the City inspector prior to use of chemical methods such as the mosquito larvicides *Bacillus thurengensis* var. *israeliensis* or other approved larvacides. These materials may only be used with City inspector approval if evidence can be provided that these materials will not migrate off-site or enter the public stormwater system. Chemical larvicides shall be applied by a licensed individual or contractor.
- Holes in the ground located in and around the infiltration basin shall be filled.

If used at this site, the following will be applicable:

Fences shall be maintained to preserve their functionality and appearance.

- Collapsed fences shall be restored to an upright position.
- Jagged edges and damaged fences shall be repaired or replaced.

Rain Gardens

Operations & Maintenance Plan

A **vegetated Infiltration Basin** is a vegetated depression created by excavation, berms, or small dams to provide for short-term ponding of surface water until it percolates into the soil. The basin shall infiltrate stormwater within 24 hours. All facility components and vegetation shall be inspected for proper operations and structural stability, at a minimum, quarterly for the first 2 years from the date of installation, 2 times per year thereafter, and within 48 hours after each major storm event. The facility owner must keep a log, recording all inspection dates, observations, and maintenance activities. The following items shall be inspected and maintained as stated:

Basin Inlet shall assure unrestricted stormwater flow to the vegetated basin.

- Sources of erosion shall be identified and controlled when native soil is exposed or erosion channels are present.
- Inlet shall be cleared when conveyance capacity is plugged.
- Rock splash pads shall be replenished to prevent erosion.

Embankment, Dikes, Berms & Side Slopes retain water in the infiltration basin.

- Structural deficiencies shall be corrected upon discovery:
- Slopes shall be stabilized using appropriate erosion control measures when soil is exposed/ flow channels are forming.
- Sources of erosion damage shall be identified and controlled.

Overflow or Emergency Spillway conveys flow exceeding reservoir capacity to an approved stormwater receiving system.

- Overflow shall be cleared when 25% of the conveyance capacity is plugged.
- Sources of erosion damage shall be identified and controlled when soil is exposed.
- Rocks or other armament shall be replaced when only one layer of rock exists.

Filter Media shall allow stormwater to percolate uniformly through the infiltration basin. If water remains 36-48 hours after storm, sources of possible clogging shall be identified and corrected.

- Basin shall be raked and, if necessary, soil shall be excavated, and cleaned or replaced.

Sediment/ Basin Debris Management shall prevent loss of infiltration basin volume caused by sedimentation. Gauges located at the opposite ends of the basin shall be maintained to monitor sedimentation.

- Sediment and debris exceeding 4" in depth shall be removed every 2-5 years or sooner if performance is affected.

Debris and Litter shall be removed to ensure stormwater infiltration and to prevent clogging of overflow drains and interference with plant growth.

- Restricted sources of sediment and debris, such as discarded lawn clippings, shall be identified and prevented.

Vegetation shall be healthy and dense enough to provide filtering while protecting underlying soils from erosion.

- Mulch shall be replenished as needed to ensure healthy plant growth.
- Vegetation, large shrubs or trees that limit access or interfere with basin operation shall be pruned or removed.
- Grass shall be mowed to 4"-9" high and grass clippings shall be removed no less than 2 times per year.
- Fallen leaves and debris from deciduous plant foliage shall be raked and removed.
- Nuisance or prohibited vegetation from the Eugene Plant List (such as blackberries or English Ivy) shall be removed when discovered. Invasive vegetation contributing up to 25% of vegetation of all species shall be removed.
- Dead vegetation shall be removed to maintain less than 10% of area coverage or when infiltration basin function is impaired. Vegetation shall be replaced within 3 months, or immediately if required to control erosion.

Spill Prevention measures shall be exercised when handling substances that contaminate stormwater. Releases of pollutants shall be corrected as soon as identified.

BioPod[™] Biofilter with StormMix[™] Biofiltration Media

Description

The BioPod[™] Biofilter System (BioPod) is a stormwater biofiltration treatment system used to remove pollutants from stormwater runoff. Impervious surfaces and other urban and suburban landscapes generate a variety of contaminants that can enter stormwater and pollute downstream receiving waters unless treatment is provided. The BioPod system uses proprietary StormMix[™] biofiltration media to capture and retain pollutants including total suspended solids (TSS), metals, nutrients, gross solids, trash and debris as well as petroleum hydrocarbons.

Function

The BioPod system uses engineered, high-flow rate filter media to remove stormwater pollutants, allowing for a smaller footprint than conventional bioretention systems. Contained within a compact precast concrete vault, the BioPod system consists of a biofiltration chamber and an optional integrated high-flow bypass with a contoured inlet rack to minimize scour. The biofiltration chamber is filled with horizontal layers of aggregate (which may or may not include an underdrain), biofiltration media and mulch. Stormwater passes vertically down through the mulch and biofiltration media for treatment. The mulch provides pretreatment by retaining most of the solids or sediment. The biofiltration media provides further treatment by retaining finer sediment and dissolved pollutants. The aggregate allows the media bed to drain evenly for discharge through an underdrain pipe or by infiltration.

Configuration

The BioPod system can be configured with either an internal or external bypass. The internal bypass allows both water quality and bypass flows to enter the treatment vault. The water quality flows are directed to the biofiltration chamber while the excess flows are diverted over the bypass weir without entering the biofiltration chamber. Both the treatment and bypass flows are combined in the outlet area prior to discharge from the structure. BioPod units without an internal bypass are designed such that only treatment flows enter the treatment structure. When the system has exceeded its treatment capacity, ponding will force bypass flows to continue down the gutter to the nearest standard catch basin or other external bypass structure.

The BioPod system can be configured as a tree box filter with tree and grated inlet, as a planter box filter with shrubs, grasses and an open top, or as an underground filter with access risers, doors and a subsurface inlet pipe. The optional internal bypass may be incorporated with any of these configurations. In addition, an open bottom configuration may be used to promote infiltration and groundwater recharge. The configuration and size of the BioPod system is designed to meet the requirements of a specific project.

Inspection & Maintenance Overview

State and local regulations require all stormwater management systems to be inspected on a regular basis and maintained as necessary to ensure performance and protect downstream receiving waters. Without maintenance, excessive pollutant buildup can limit system performance by reducing the operating capacity of the system and increasing the potential for scouring of pollutants during periods of high flow.

Some configurations of the BioPod may require periodic irrigation to establish and maintain vegetation. Vegetation will typically become established about two years after planting. Irrigation requirements are ultimately dependent on climate, rainfall and the type of vegetation selected.

Maintenance Frequency

Periodic inspection is essential for consistent system performance and is easily completed. Inspection is typically conducted a minimum of twice per year, but since pollutant transport and deposition varies from site to site, a site-specific maintenance frequency should be established during the first two or three years of operation.

Inspection Equipment

The following equipment is helpful when conducting BioPod inspections:

- Recording device (pen and paper form, voice recorder, iPad, etc.)
- Suitable clothing (appropriate footwear, gloves, hardhat, safety glasses, etc.)
- Traffic control equipment (cones, barricades, signage, flagging, etc.)
- Manhole hook or pry bar
- Flashlight
- Tape measure

Inspection Procedures

BioPod inspections are visual and are conducted without entering the unit. To complete an inspection, safety measures including traffic control should be deployed before the access covers or tree grates are removed. Once the covers have been removed, the following items should be checked and recorded (see form provided on page 6) to determine whether maintenance is required:

- If the BioPod unit is equipped with an internal bypass, inspect the contoured inlet rack and outlet chamber and note whether there are any broken or missing parts. In the unlikely event that internal parts are broken or missing, contact Oldcastle Stormwater at (800) 579-8819 to determine appropriate corrective action.
- Note whether the curb inlet, inlet pipe, or – if the unit is equipped with an internal bypass – the inlet rack is blocked or obstructed.
- If the unit is equipped with an internal bypass, observe, quantify and record the accumulation of trash and debris in the inlet rack. The significance of accumulated trash and debris is a matter of judgment. Often, much of the trash and debris may be removed manually at the time of inspection if a separate maintenance visit is not yet warranted.
- If it has not rained within the past 24 hours, note whether standing water is observed in the biofiltration chamber.
- Finally, observe, quantify and record presence of invasive vegetation and the amount of trash and debris and sediment load in the biofiltration chamber. Erosion of the mulch and biofiltration media bed should also be recorded. Sediment load may be rated light, medium or heavy depending on the conditions. Loading characteristics may be determined as follows:
 - o Light sediment load – sediment is difficult to distinguish among the mulch fibers at the top of the mulch layer; the mulch appears almost new.
 - o Medium sediment load – sediment accumulation is apparent and may be concentrated in some areas; probing the mulch layer reveals lighter sediment loads under the top 1” of mulch.
 - o Heavy sediment load – sediment is readily apparent across the entire top of the mulch layer; individual mulch fibers are difficult to distinguish; probing the mulch layer reveals heavy sediment load under the top 1” of mulch.

Often, much of the invasive vegetation and trash and debris may be removed manually at the time of inspection if a separate maintenance visit is not yet warranted.

Maintenance Indicators

Maintenance should be scheduled if any of the following conditions are identified during inspection:

- The concrete structure is damaged or the tree grate or access cover is damaged or missing.
- The curb inlet or inlet rack is obstructed.
- Standing water is observed in the biofiltration chamber more than 24 hours after a rainfall event (use discretion if the BioPod is located downstream of a storage system that attenuates flow).
- Trash and debris in the inlet rack cannot be easily removed at the time of inspection.
- Trash and debris, invasive vegetation or sediment load in the biofiltration chamber is heavy or excessive erosion has occurred.

Maintenance Equipment

The following equipment is helpful when conducting BioPod maintenance:

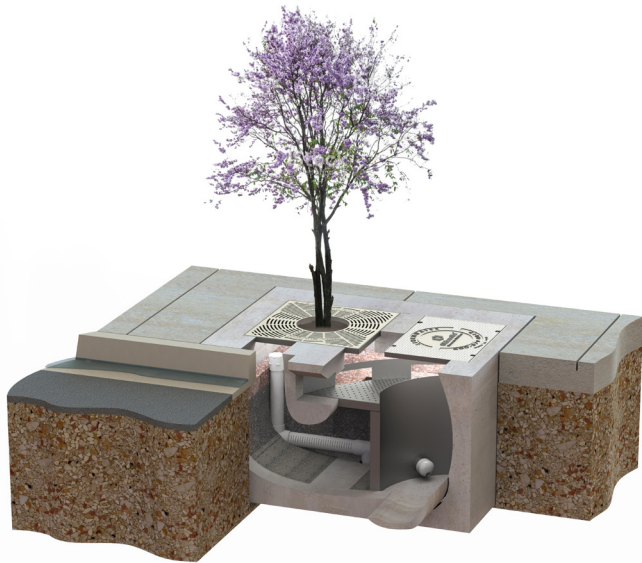
- Suitable clothing (appropriate footwear, gloves, hardhat, safety glasses, etc.)
- Traffic control equipment (cones, barricades, signage, flagging, etc.)
- Manhole hook or pry bar
- Flashlight
- Tape measure
- Rake, hoe, shovel and broom
- Bucket
- Pruners
- Vacuum truck (optional)

Maintenance Procedures

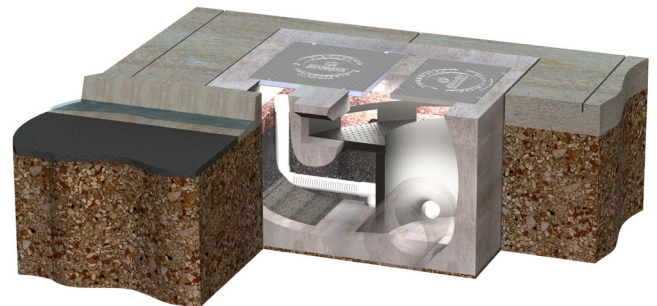
Maintenance should be conducted during dry weather when no flows are entering the system. All maintenance may be conducted without entering the BioPod structure. Once safety measures such as traffic control are deployed, the access covers may be removed and the following activities may be conducted to complete maintenance:

- Remove all trash and debris from the curb inlet and inlet rack manually or by using a vacuum truck as required.
- Remove all trash and debris and invasive vegetation from the biofiltration chamber manually or by using a vacuum truck as required.
- If the sediment load is medium or light but erosion of the biofiltration media bed is evident, redistribute the mulch with a rake or replace missing mulch as appropriate. If erosion persists, rocks may be placed in the eroded area to help dissipate energy and prevent recurring erosion.
- If the sediment load is heavy, remove the mulch layer using a hoe, rake, shovel and bucket, or by using a vacuum truck as required. If the sediment load is particularly heavy, inspect the surface of the biofiltration media once the mulch has been removed. If the media appears clogged with sediment, remove and replace one or two inches of biofiltration media prior to replacing the mulch layer.
- Prune vegetation as appropriate and replace damaged or dead plants as required.
- Replace the tree grate and/or access covers and sweep the area around the BioPod to leave the site clean.
- All material removed from the BioPod during maintenance must be disposed of in accordance with local environmental regulations. In most cases, the material may be handled in the same manner as disposal of material removed from sumped catch basins or manholes.

Natural, shredded hardwood mulch should be used in the BioPod. Timely replacement of the mulch layer according to the maintenance indicators described above should protect the biofiltration media below the mulch layer from clogging due to sediment accumulation. However, whenever the mulch is replaced, the BioPod should be visited 24 hours after the next major storm event to ensure that there is no standing water in the biofiltration chamber. Standing water indicates that the biofiltration media below the mulch layer is clogged and must be replaced. Please contact Oldcastle Infrastructure at (800) 579-8819 to purchase the proprietary StormMix™ biofiltration media.



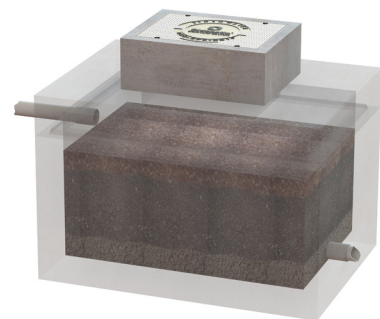
BioPod Tree Module



BioPod Media Module



BioPod Planter Module



BioPod Media Vault

BioPod Inspection & Maintenance Log

BioPod Model_____

Inspection Date_____

Location_____

Condition of Internal Components

Notes:

Good Damaged Missing

Curb Inlet or Inlet Rack Blocked

Notes:

Yes No

Standing Water in Biofiltration Chamber

Notes:

Yes No

Trash and Debris in Inlet Rack

Notes:

Yes No

Trash and Debris in Biofiltration Chamber

Notes:

Yes No

Invasive Vegetation in Biofiltration Chamber

Notes:

Yes No

Sediment in Biofiltration Chamber

Notes:

Light Medium Heavy

Erosion in Biofiltration Chamber

Notes:

Yes No

Maintenance Requirements

Yes - Schedule Maintenance No - Schedule Re-Inspection

**CITY OF FLORENCE
PLANNING COMMISSION**

RESOLUTION PC 20 06 CUP 02

A REQUEST FOR A CONDITIONAL USE PERMIT WITH DESIGN REVIEW TO EXPAND AND REVISE THE LAYOUT OF LANE COUNTY WASTE MANAGEMENT'S FLORENCE TRANSFER STATION TO INCLUDE ADDITIONAL BUILDINGS AND STORMWATER FACILITIES AT 2820 RHODODENDRON DRIVE, ASSESSOR'S MAP 18-12-22-20, TAX LOT 00702, IN THE MARINE DISTRICT

WHEREAS, application was submitted by Kerry Werner, represented by Rick Satre of The Satre Group, for a Conditional Use Permit as required by FCC 10-1-1-4, and FCC 10-4-4; and

WHEREAS, the Planning Commission/Design Review Board met in a Public Hearing on June 23, 2020, as outlined in Florence City Code 10-1-1-5 to consider the application, evidence in the record, and testimony received, and

WHEREAS, the Planning Commission determined per FCC 10-4-10 and FCC 10-1-1-6-3-E, after review of the application, findings of fact, testimony, and evidence in the record as per FCC 10-4-5 and 10-4-6, that the application meets the criteria through compliance with certain Conditions of Approval; and

NOW THEREFORE BE IT RESOLVED that the Planning Commission of the City of Florence finds, based on the Findings of Fact and the evidence in record and with conditions of approval as presented, that the request for a Conditional Use Permit for a solid waste transfer station meets the applicable criteria of Florence City Code and the Florence Realization 2020 Comprehensive Plan. The Planning Commission approves the conditional use permit with the conditions listed below:

Conditions of Approval:

1. Approval for shall be shown on:

- "A" Findings of Fact
- "B" Land Use Application
- "C" Project Description
- "D" Site Plans and Phasing
- "E" Circulation Plan
- "F" Stormwater Report
- "G" Drainage and Basin Plans
- "H" Rain Garden Planting Plan
- "I" Erosion Control Plan
- "J" 1200-CA NPDES Permit
- "K" Fee Booth Details
- "L" Future Hazardous Waste and Crew Buildings and Locations
- "M" Site Investigation Report and Applicant Report

- “N” Lighting Plan
- “O” Electrical Hut
- “P” Preliminary Site Plan and Calculations
- “Q” Public Works and Civil West Referral Comments

Findings of Fact attached as Exhibit “A” are incorporated by reference and adopted in support of this decision. Any modifications to the approved plans or changes of use, except those changes relating to Building Codes, will require approval by the Community Development Director or Planning Commission/Design Review Board.

2. Regardless of the content of material presented for this Planning Commission, including application text and exhibits, staff reports, testimony and/or discussions, the applicant agrees to comply with all regulations and requirements of the Florence City Code which are current on this date, EXCEPT where variance or deviation from such regulations and requirements has been specifically approved by formal Planning Commission action as documented by the records of this decision and/or the associated Conditions of Approval. The applicant shall submit to the Community Development Department a signed “Agreement of Acceptance” of all conditions of approval prior to issuance of a building permit.
3. Upon encountering any cultural or historic resources during construction or landscaping, the applicant shall immediately contact the State Historic Preservation Office and the Confederated Tribes of Coos, Lower Umpqua, and Siuslaw Indians. Construction shall cease immediately and shall not continue until permitted by either a SHPO or CTCLUSI representative.

Parking

- 4.1 Required parking spaces shall be maintained and shall not be eliminated, used for the storage of materials of any type, or used for loading or unloading operations during business hours.
- 4.2 Prior to obtaining building permits for the fee booth, the applicant shall submit a revised site plan showing all parking and circulation areas.
- 4.3 The revised parking plan shall include one or more van-accessible parking spaces designed to the specifications of this code and the Americans with Disabilities Act. The ADA access aisle shall meet dimension standards and ADA signage shall be provided.
- 4.4 All parking and loading areas shall be improved with a durable, dust-free surfacing of asphaltic concrete, cement concrete, porous concrete, porous asphalt, permeable pavers such as turf, concrete, brick pavers or other materials approved by the City.
- 4.5 A parking plan illustrating the details outlined in FCC 10-3-8-L shall accompany applications for building permits for site construction related to this land use approval.
- 4.6 Parking spaces existing and added to the revised parking plan shall meet the requirements of FCC Figure 10-3(1) and Table 10-3-3 for width, striping, depth (based on angle), and aisle dimensions.

- 4.7 The revised parking plan shall include two bicycle parking spaces. Bicycle parking shall be no further from the main building entrance than the nearest non-ADA accessible parking space, shall be visible from the entrance, shall be easily accessible from the highway, shall be clearly marked and reserved, shall be at least as well-lit as automobile parking, and shall not conflict with pedestrian pathways or vision clearances.

Conditional Use Permit

- 5.1 The authorization for a conditional use permit for the transfer station use shall expire three years after approval—on June 23, 2023—if a building permit has not been issued and substantial construction has not taken place. Approval extends to the following site improvements as detailed in their respective exhibits and modified by conditions of approval presented in this report:
- The fee collection booth and scales, as detailed in Exhibit K;
 - The recycling collection area, including collection containers, customer unloading areas, and truck access loading areas, as detailed in Exhibit D;
 - The stormwater treatment rain garden, BioPod, infiltration trenches, and associated stormwater improvements, as detailed in Exhibits F, G, and H;
 - The lighting improvements detailed in Exhibit N;
 - Parking and circulation areas detailed in Exhibit E; and
 - The hazardous waste management and crew quarters buildings outlined in Exhibit L, which shall be no more than 3,000 square feet of covered building space.
- 5.2 All necessary State and County permits shall be obtained to ensure the environmental health and safety of the public.
- 5.3 The proposed and existing structures shall be considered “temporary” until such time that DMDP Site No. 12 is removed from the active sites included within the Lane County Dredged Materials Disposal Plan. When given notice that the DMDP Site is to be used for dredge material stockpiling once again, the County shall remove the site improvements or prepare for them to be buried until they can be safely replaced. All new structures shall be required to locate outside the dredge spoils boundary.

Design Review

- 6.1 The exterior of the fee booth shall be finished with colors of muted earth tones.
- 6.2 Prior to obtaining building permits for the fee booth, the applicant shall revise plans for the structure to include a covered front entrance no less than six feet in depth. This condition may be replaced by the implementation of a different architectural feature selected from FCC 10-6-7-B.
- 6.3 The request for Design Review approval shall expire on June 23, 2021, unless substantial construction has taken place.

Landscaping

- 7.1** Plant materials shall cover a minimum of 70 percent of the required landscaping areas within 5 years of planting.
- 7.2** Plant materials shall be planted utilizing a pocket-planting method with a soil-compost blend around all trees and shrubs to ensure healthy growth, except where different planting medium is required to achieve stormwater management objectives.
- 7.3** The applicant shall remove all noxious weeds from the site during site development and shall not permit the planting or growth of invasive species or noxious weeds.
- 7.4.** The applicant shall plant and maintain on-site, native vegetation as necessary to screen the proposed recycling area and containers from view from the Siuslaw River and from South Jetty Road. The vegetation shall effectively screen the view of any exposed portion of the recycling area within five years of exposure.

8.1 *not used*

Lighting

- 9.1** Prior to December 23, 2020, the applicant shall submit revised lighting plans indicating that all exterior lighting complies with the requirements of FCC 10-37. Prior to June 23, 2021, all lighting on the site shall conform with FCC 10-37. This condition is void if it demonstrated that all previously existing light fixtures are in compliance with this code.
- 9.2** Lighting shall not shine illumination or glare onto adjacent or nearby property.
- 9.3** Prior to December 23, 2020, the applicant shall submit revised lighting plans for review for review and approval by the Community Development Department. The plans shall include the location and orientation of each luminaire, along with product specifications from the manufacturer. Photometric details shall be provided which reflect the effects of overlapping lighting. The applicant shall inform the Community Development Department of the first available date when the site is accessible and the lighting, if approved, is operational, so that staff may review the lighting per FCC 10-37-4-E.
- 9.4** Main exterior lights for landscaping; parking lots; and commercial, institutional, and industrial buildings shall be extinguished at end of business hours with minimal lighting remaining for personal and building security and safety after-hours.

Stormwater

- 10.1** Stormwater management features shall meet or exceed the treatment and flow control specifications used for analysis in the submitted Stormwater Report. Stormwater features shall be installed to the specifications used for analysis in the Stormwater Report.

- 10.2 The applicant shall design, assemble, install, operate, and maintain the BioPod installation in accordance with Oldcastle Infrastructure Inc.'s applicable manuals and the Washington Department of Ecology's decisions regarding their use.
- 10.3 Prior to obtaining building permits for the fee collection booth, the applicant shall provide a completed Operations and Maintenance Agreement for on-site stormwater management facilities.
- 10.4. Prior to obtaining building permits for the fee booth, the applicant shall submit a copy of the Lane County Geotechnical Report as referenced in Appendix C of the Stormwater Report.

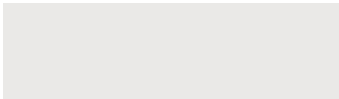
Informational

1. The Planning Commission may revoke the CUP for any of the reasons stated in FCC 10-4-9.
2. Development of future buildings on the site not included in this review—including the hazardous waste building and crew quarters discussed in the proposal—are subject to application and review requirements of Florence City Code.
3. It is not prudent to call for walkway improvements within the site at this time. Pedestrian circulation will be further studied at the time of design review for the future buildings.
4. Staff advises the applicant to pursue direct communication with managers of infrastructure systems needed for the health and safety of visitors, employees, and the general public, including rigorous review of the availability of hydrants and fire flow rates in present water lines if this work has not already been done.
5. The applicant should register and permit infiltration facilities with the Oregon Department of Environmental Quality as required by state regulations.

ADOPTED BY THE FLORENCE PLANNING COMMISSION/DESIGN REVIEW BOARD the 23rd day of June, 2020.

JOHN MURPHY, Chairperson
Florence Planning Commission

DATE



*MT. HOOD WHITE



PASCO PARCHMENT



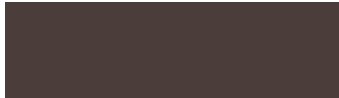
SILVERTON STONE



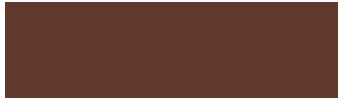
BENTON BEIGE



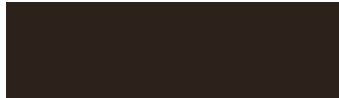
SMITH ROCK HICKORY



JACKSON COPPER



OCHOCO BROWN



BAKER BROWN



ASHLAND GRAY



GRAYS HARBOR



GILLIAM GREEN



WILLAMETTE GREEN



WASHINGTON EVERGREEN



DESCHUTES BLUE



REDMOND RED



BLACK

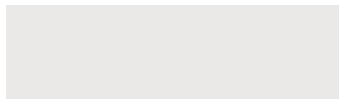
**STANDING SEAM COLORS
SOFFIT COLORS***



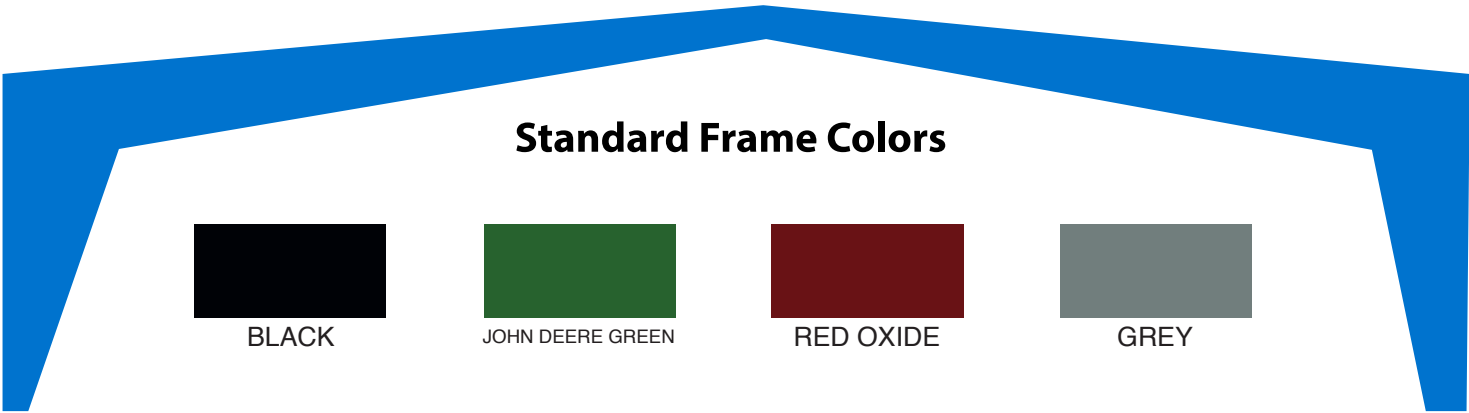
SLATE GRAY



DARK BRONZE



MT. HOOD WHITE



IMPORTANT DISCLAIMER

This color chart is for reference only and should not be used for final color matching. Colors and Shades may vary from actual colors due to color settings and resolution of your computer screen and printer output. Contact PBS for actual color charts.





2100 N. PACIFIC HWY. • WOODBURN, OR 97071 • PHONE: (503) 981-9581 • www.pbsbuildings.com

Materials

Pacific Building Systems panels are pre-formed from steel conforming to ASTM A-653 Grade 33 or higher for Galvalume™ or ASTM A-924 for Galvanized G90. The Galvalume™ sheet coating consists of an alloy of nominally 55% aluminum, 1.6% silicone and the balance zinc by weight.

Duratec

A very high quality paint system that combines durability and flexibility with excellent value.

Technical Data:

Exterior paint finish includes 0.2 mils of oven-cured epoxy, or equivalent, primer and 0.8 mils of oven-cured specialty formulated silicone protected polyester color finish; totaling a nominal 1.0 mils of cured film thickness. Interior finish consists of 0.15 mil epoxy primer, or equivalent, and 0.35 mils of off-white backer coating.

1. Accelerated Weathering Resistance

After 2000 hours exposure per ASTM D-822-89/G-23-93, Method II, the finish coat will not chalk, blister or lose adhesion; color change will not exceed 5 NBS units per ASTM D-2244-93; and finish coat will not chalk in excess of a #8 per ASTM D-659.

2. Humidity Resistance

After 1200 hours exposure to 100% humidity at 100°F +/- 5°F, per Federal Test Method Standard 141, Method 6201 or ASTM D-2247-92, test samples show no blistering cracking peeling, loss of gloss or finish softening.

3. Salt Spray Resistance

After 1000 hours exposure to 5% Neutral Salt Spray per test procedure ASTM 8-117-90, diagonally scored samples show no blistering and no loss of adhesion greater than 1/8 inch from the score line when taped one hour after removal from the salt spray test cabinet.

4. Formability (Flexibility) Test

Factory finished .017 Grade D galvanized or equivalent metal, subjected to a 180 degree bend over a 1/8 inch mandrel, show no adhesion loss when taped with Scotch #610 cellophane tape.

5. Hardness

Minimum 'F' finish coat pencil hardness, when tested with Eagle Turquoise pencils per NCCA Technical Bulletin 11-12 or ASTM D-3363-92a.

6. Abrasion Resistance

Coating system shall withstand 30 liters of falling sand before appearance of base metal per ASTM D-968.

7. Specular Gloss

Determined per ASTM D-523-89 specular gloss shall range between 25 to 40% on a 60 degree gloss meter.

8. Acid Resistance

No significant color change after 24 hours exposure to 10% solutions of hydrochloric and sulfuric acids per ASTM D-1308-87 (1993) Procedure 6.2 (spot test).

9. Impact Resistance

When tested in accordance with ASTM D-2794-93, no cracking or loss of adhesion after direct and reverse impact of 80" pound and 5/8" steel ball on a Garder Impact Tester.

Warranty

Warranties regarding chalking, fading and film integrity for Pacific Building Systems finishes are available upon request. Warranty terms, however, can be affected by factors such as environment and particular product application.

It is required, the customer must notify Pacific Building Systems in writing at the time the purchase order is issued. Specific warranty information should be obtained from a Pacific Building Systems representative.

Clare Kurth

From: RIOLO Ashleigh M <Ashleigh.RIOLO@lanecountyor.gov>
Sent: Tuesday, March 26, 2024 8:48 AM
To: Clare Kurth
Subject: RE: Lane County Waste Management Division - Land Use Application AR 21 23 LR 04
Attachments: 5 - Sand Management Plan.pdf; 21-190 Checkset 2024-01-31.pdf; 21-190 CIVIL_DS_.pdf; Land Use Application_Florence Transfer Station_e-waste building_Final.pdf

Hi Clare,

Thanks for getting back to me and providing the details and information needed for the application.

Please see the attached application and supplemental documentation.

I will call to pay the fees over the phone. Do I need to reference a specific permit or project number?

In response to comments from the previous application, please see the following.

1. Exterior Surface Colors
 - a. Ashland Grey: Siding, Corner Trim and Roll-up Doors.
 - b. Mt Hood White: Gable Trim, Roofing, Gutters, Downspouts, Window and Door Trim
2. Parking Plan
 - a. Detailed in the attached civil plans.
3. Drainage Plan
 - a. Detailed in the attached civil plans.

Please let me know if you have any questions or if I can provide any additional information.

Thanks,

Ashleigh Riolo, PMP

Project Manager Associate

Lane County Public Works

3040 N. Delta Hwy, Eugene, OR 97408

Office: 541-682-6699

Hours: M-Th. 6:30-4:30 pm; Fri. 6:30-10:30 am

Ashleigh.Riolo@lanecountyor.gov

From: Clare Kurth
Sent: Monday, March 25, 2024 2:46 PM
To: RIOLO Ashleigh M <Ashleigh.RIOLO@lanecountyor.gov>
Subject: FW: Lane County Waste Management Division - Land Use Application AR 21 23 LR 04

[EXTERNAL ⚠]

Sorry, I meant to explain the attachments. The attachments on this email are what I currently have on file.

The City has adopted code updates to housing codes and related to the transportation systems plan. As far as this application goes, there should be minimal code updates that will affect this application.

Clare

From: Clare Kurth
Sent: Monday, March 25, 2024 2:37 PM
To: 'RIOLO Ashleigh M' <Ashleigh.RIOLO@lanecountyor.gov>
Cc: Wendy Farley-Campbell <wendy.farleycampbell@ci.florence.or.us>; Sharon Barker <sharon.barker@ci.florence.or.us>
Subject: RE: Lane County Waste Management Division - Land Use Application AR 21 23 LR 04

Ashleigh,

I apologize for the delayed response. After looking this over the land use application has expired and this project will need a new land use application and fee for the Type II design review. Please complete a new [land use application](#). The fees for a Type II design review are \$900.25 and can be made by phone at (541) 997-8237 or by mailing a check to the Community Development Department 250 Hwy 101 Florence, OR 97439. With the new land use application please resubmit any previously submitted materials along with the items listed in the NOIC. Emailing digital copies is preferred. Once we receive the new application and fee we will start review for completeness and start working on the property owner notice for the site. Let me know what other questions you have. Thank you,
Clare

From: RIOLO Ashleigh M <Ashleigh.RIOLO@lanecountyor.gov>
Sent: Wednesday, March 20, 2024 8:30 AM
To: Clare Kurth <clare.kurth@ci.florence.or.us>
Cc: Wendy Farley-Campbell <wendy.farleycampbell@ci.florence.or.us>
Subject: RE: Lane County Waste Management Division - Land Use Application AR 21 23 LR 04

Hi Clare,

I wanted to follow-up and see if you have had a chance to review the application submitted for the Florence Transfer Station project.

Please let me know if you have any questions or if I can provide any additional information.

Thanks,

Ashleigh Riolo, PMP

Project Manager Associate
Lane County Public Works
3040 N. Delta Hwy, Eugene, OR 97408
Office: 541-682-6699
Hours: M-Th. 6:30-4:30 pm; Fri. 6:30-10:30 am
Ashleigh.Riolo@lanecountyor.gov

From: Clare Kurth
Sent: Wednesday, February 28, 2024 4:58 PM
To: RIOLO Ashleigh M <Ashleigh.RIOLO@lanecountyor.gov>
Cc: Wendy Farley-Campbell <wendy.farleycampbell@ci.florence.or.us>
Subject: Lane County Waste Management Division - Land Use Application AR 21 23 LR 04

[EXTERNAL ⚠]

Hello Ashliegh Riolo,

Roxanne is no longer working full-time with the City, but I was asked to reach out and help you with your questions. I have not had time to review the previous land use approval, parking, and stormwater yet. I will be working on this and getting you a reply after I have had time to review everything.

Clare Kurth, AICP Candidate

Associate Planner | City of Florence
clare.kurth@ci.florence.or.us

City of Florence
250 Hwy 101
Florence, OR 97439

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From: RIOLO Ashleigh M <Ashleigh.RIOLO@lanecountyor.gov>
Sent: Tuesday, February 27, 2024 7:42 AM
To: Roxanne Johnston <Roxanne.Johnston@ci.florence.or.us>
Subject: Lane County Waste Management Division - Land Use Application AR 21 23 LR 04

Hello Roxanne,

I am reaching out in response to Land Use Application AR 21 23 LR 04.

I would like to continue the design review for the e-waste building at the Florence Transfer Station.

In response to the attached letter, I am ready to provide the remaining items to complete the design review.

1. Exterior Surface Colors
 - a. Ashland Grey: Siding, Corner Trim and Roll-up Doors.
 - b. Mt Hood White: Gable Trim, Roofing, Gutters, Downspouts, Window and Door Trim
2. Parking Plan
 - a. Detailed in the attached civil plans.
3. Drainage Plan
 - a. Detailed in the attached civil plans.

Please let me know what questions you may have or if anything else is needed to revisit this Land Use Application.

Thanks,

Ashleigh Riolo, PMP

Project Manager Associate

Lane County Public Works

3040 N. Delta Hwy, Eugene, OR 97408

Office: 541-682-6699

Hours: M-Th. 6:30-4:30 pm; Fri. 6:30-10:30 am

Ashleigh.Riolo@lanecountyor.gov

Clare Kurth

From: Michael Schick <chief@wlfea.org>
Sent: Tuesday, June 18, 2024 11:32 AM
To: Clare Kurth
Subject: RE: Referral Request: 2820 Rhododendron Dr - E-Waste Recycling Facility

Clare,

Western Lane Fire and EMS Authority has no concerns with the proposed development as described.

Michael R Schick, EFO, PhD

Fire & EMS Chief
Western Lane Fire and EMS Authority
2625 Hwy 101
Florence, OR 97439
(541) 997-3212 (office)
(541) 999-9098 (cell)
chief@wlfea.org

From: Clare Kurth <clare.kurth@ci.florence.or.us>
Sent: Friday, June 14, 2024 10:18 AM
To: Mike Miller <mike.miller@ci.florence.or.us>; August Murphy <august@ci.florence.or.us>; Johnson, Lynnesy <ljohnson@cencoast.com>; Wilkins, Megan <MWilkins@cencoast.com>; thpo@ctclusi.org; Michael Schick <chief@wlfea.org>
Cc: Sharon Barker <sharon.barker@ci.florence.or.us>
Subject: Referral Request: 2820 Rhododendron Dr - E-Waste Recycling Facility

Good morning,

The City of Florence Community Development Department received an application seeking design review approval for the addition of an e-waste recycling and hazardous waste storage at the Lane County Transfer site at 2820 Rhododendron Loop. The Notice of Hearing is attached for review and additional information about the application can be found [HERE](#).

This item will be going to Public Hearing on Tuesday June 25, 2024. Comments received before June 18th at noon will be addressed in the Findings. Comments received after that date will be distributed to the Planning Commission.

Please let us know if you have questions or need additional information.

1. Exterior Surface Colors

- a. Ashland Grey: Siding, Corner Trim and Roll-up Doors.
- b. Mt Hood White: Gable Trim, Roofing, Gutters, Downspouts, Window and Door Trim



ASHLAND GRAY



MT. HOOD WHITE

Clare Kurth, AICP Candidate

Associate Planner | City of Florence

clare.kurth@ci.florence.or.us

City of Florence

250 Hwy 101

Florence, OR 97439

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